

Product Datasheet / Instruction for use



# Goat IgG anti-Mouse IgG (Fc)-Alk. Phos., MinX none

## **General Information**

Quantity:       1 mg       Reconstitution Volume:         Reconstitution Buffer:       Shipping Conditions:       Wet Ice         Product Expiration       Expiration date is one (1) year from date of opening.         Antibody Host / Format       Clonality / Isotype / Clone:       polyclonal Ig         Antibody Format:       IgG whole molecule       Concentration:       0.81 mg/m. by UV absorbance at 280 nm         Antibody Format:       IgG whole molecule       Concentration:       0.81 mg/m. by UV absorbance at 280 nm         Specificity       Target Species:       Mouse       Alkaline Phosphatase         Antibody Specificity:       IgG (Fc Fragment)       This product was prepared from monospecific antiserum by immunoaffinity chromatography using Mouse IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Alkaline Phosphatase (calf intestine), anti-Goat Serum, Mouse IgG F(ab).         Minimal Cross Reactivity: none       Formulation, Transport and Storage         Storage Buffer:       0.05 M Tris Chloride, 0.15M Solium Chloride, 0.001M Magnesium Chloride, 0.001M Magnesium Chloride, 0.001M Magnesium Chloride, 0.001M Magnesium Chloride, 0.001M Zhage Sum Ch							
Antibody Host / Format       Reconstitution Buffer:         Shipping Conditions:       Wet Ice         Product Expiration       Expiration date is one (1) year from date of opening.         Antibody Host / Format       Clonality / Isotype / Clone:       polyclonal Ig         Antibody Format:       IgG whole molecule       Concentration:       0.81 mg/mL by UV absorbance at 280 nm         Specificity       Immunogen:       Alkaline Phosphatase       Maximum Excitation / Emission: /         Specificity       IgG (Fc Fragment)       This product was prepared from monospecific antiserum by immunoaffinity chromatography using Mouse IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Alkaline Phosphatase (calf intestine), anti-Goat Serum, Mouse IgG F(c) and Mouse Serum. No reaction was observed against Mouse IgG F(c) and Mouse Serum. No reaction was observed against Mouse IgG F(c) and Mouse Serum. No reaction was observed against Mouse IgG F(c) and Mouse Serum. No reaction was observed against Mouse IgG F(c) and Mouse Serum. No reaction was observed against Mouse IgG F(c) and Mouse Serum. No reaction was observed against Mouse IgG F(c) and Mouse Serum. No reaction was observed against Mouse IgG F(c) and Mouse Serum. No reaction was observed against Mouse IgG F(c) and Mouse Serum. No reaction was observed against Mouse IgG F(c) and Mouse Serum. No reaction was observed against Mouse IgG F(c) and Mouse Serum. No reaction was observed against Mouse IgG F(c) and Mouse Serum. No reaction was observed against Mouse IgG F(c) and Mouse Serum. No reaction was observed against Mouse IgG F(c) and Mou	Catalog Number:	SEC-183179	Physical State: Liquid (sterile filtered)				
Shipping Conditions:       Wet Ice         Product Expiration       Expiration date is one (1) year from date of opening.         Antibody Host / Format       Expiration date is one (1) year from date of opening.         Antibody Format:       IsG whole molecule       Clonality / Isotype / Clone:       polyclonal Ig         Antibody Format:       IsG whole molecule       Concentration:       0.81 mg/mL by UV absorbance at 280 nm         Specificity:       IsG (Fc Fragment)       Maximum Excitation / Emission: /         Specificity:       IsG (Fc Fragment)       Immunogen:       Mouse IgG F(c) fragment         This product was prepared from monospecific antiserum by immunoeffinity chromatography using Mouse IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Alkaline Phosphatase (calf intestine), anti-Goat Serum, Mouse IgG, Mouse IgG F(c) and Mouse Serum. No reaction was observed against Mouse IgG F(a).         Minimal Cross Reactivity: none       Minimal Cross Reactivity: none         Formulation, Transport and Storage       Store vial at 4° C before opening. DO NOT FREEZE. This product is stable at 4° C as an undiluted liquid. Dilute only prior to immediate use. Freezing alkaline phosphatase conjugates will result in a substantial loss of enzymatic activity.         Storage Temperature:       4-8°C	Quantity:	1 mg	Reconstitution Volume:	:			
Antibody Host / Format         Host Species:       Goat         Antibody Format:       IgG whole molecule         Concentration:       0.81 mg/mL by UV absorbance at 280 nm         Antibody Format:       IgG whole molecule         Conjugation:       Alkaline Phosphatase         Maximum Excitation / Emission: /       Specificity         Target Species:       Mouse         Antibody Specificity:       IgG (Fc Fragment)         This product was prepared from monospecific antiserum by immunoaffinity chromatography using Mouse IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Alkaline Phosphatase (calf intestine), anti-Goat Serum, Mouse IgG F(c) and Mouse Serum. No reaction was observed against Mouse IgG F(a).         Minimal Cross Reactivity: none       Minimal Cross Reactivity: none         Formulation, Transport and Storage       Storage Buffer: 0.05 M Tris Chloride, 0.15M Sodium Chloride, 0.01M Magnesium Chloride, 0.01M Magnesium Chloride, 0.001M Magnesium Chloride, provide Serum Albumin (BSA) - Immunoglobulin and Protease free         Storage Temperature:       4-8°C			<b>Reconstitution Buffer:</b>				
Antibody Host / Format Host Species: Goat Antibody Format: IgG whole molecule Concentration: O.81 mg/mL by UV absorbance at 280 nm Conjugation: Alkaline Phosphatase Maximum Excitation / Emission: / Specificity Target Species: Mouse Antibody Specificity: IgG (Fc Fragment) Immunoaffinity chromatography using Mouse IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Alkaline Phosphatase (calf intestine), anti-Goat Served against Mouse IgG F(c) and Mouse IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Alkaline Phosphatase (calf intestine), anti-Goat Served against Mouse IgG F(c) and Mouse Serum. No reaction was observed against Mouse IgG F(c) and Mouse Serum. No reaction was observed against Mouse IgG F(a). Minimal Cross Reactivity: none Formulation, Transport and Storage Storage Buffer: 0.05 M Tris Chloride, 0.15M Sodium Chloride, 0.001M Zinc Chloride, 50% (v/v) Glycerol; pH 8.0 Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free			Shipping Conditions:	Expiration date is one (1) year from date of			
Host Species:       Goat       Clonality / Isotype / Clone:       polyclonal Ig         Antibody Format:       IgG whole molecule       Concentration:       0.81 mg/mL by UV absorbance at 280 nm         Conjugation:       Alkaline Phosphatase       Maximum Excitation / Emission: /         Specificity       Immunogen:       Mouse IgG F(c) fragment         Antibody Specificity:       IgG (Fc Fragment)       Immunoaffinity chromatography using Mouse IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoalectrophoresis resulted in a single precipitin arc against anti-Alkaline Phosphatase (calf intestine), anti-Goat Serum, Mouse IgG, Mouse IgG F(a).         Formulation, Transport and Storage       Preservatives:       0.01% (w/v) Sodium Azide         Storage Buffer:       0.05 M Tris Chloride, 0.15M       Preservatives:       0.01% (w/v) Sodium Azide         Storage Buffer:       10 mg/mL Bovine Serum       Alkaline phosphatase conjugates will result in a substantial loss of enzymatic activity.         Stabilizer:       10 mg/mL Bovine Serum       Alkaline Phosphatase conjugates will result in a substantial loss of enzymatic activity.         Albumin (BSA) - Immunoglobulin and Protease free       Storage Temperature:       4-8°C			Product Expiration				
Antibody Format:       IgG whole molecule       Concentration:       0.81 mg/mL by UV absorbance at 280 nm         Conjugation:       Alkaline Phosphatase         Maximum Excitation / Emission: /         Specificity         Target Species:       Mouse         Antibody Specificity:       IgG (Fc Fragment)         Immunogen:       Mouse IgG F(c) fragment         This product was prepared from monospecific antiserum by immunoaffinity chromatography using Mouse IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Alkaline Phosphatase (calf intestine), anti-Goat Serum, Mouse IgG, Mouse IgG F(a).         Minimal Cross Reactivity: none       Formulation, Transport and Storage         Storage Buffer:       0.05 M Tris Chloride, 0.15ML Sodium Chloride, 0.00M Magnesium Chloride, 0.001M Zinc Chloride, 50% (v/v) Glycerol; pH 8.0         Stabilizer:       10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free         Storage Temperature:       4-8°C	Antibody Host / F	ormat					
Specificity       Alkaline Phosphatase         Target Species:       Mouse         Antibody Specificity:       IgG (Fc Fragment)         Immunogen:       Mouse IgG F(c) fragment         Antibody Specificity:       IgG (Fc Fragment)         Immunoaffinity chromatography using Mouse IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Alkaline Phosphatase (calf intestine), anti-Goat Serum, Mouse IgG, Mouse IgG F(c) and Mouse Serum. No reaction was observed against Mouse IgG F(ab).         Minimal Cross Reactivity: none       Minimal Cross Reactivity: none         Formulation, Transport and Storage       Storage Buffer: 0.05 M Tris Chloride, 0.15M Sodium Chloride, 0.001M Magnesium Chloride, 0.001M Magnesium Chloride, 0.001M Magnesium Chloride, 0.001M Magnesium Chloride, 0.001M Zinc Chloride, 50% (v/v) Glycerol; pH 8.0       Preservatives: 0.01% (w/v) Sodium Azide         Stabilizer:       10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free       Storage Temperature: 4-8°C	Host Species:	Goat	Clonality / Isotype / Clo	ne: polyclonal Ig			
Maximum Excitation / Emission: /         Specificity         Target Species:       Mouse         Antibody Specificity:       IgG (Fc Fragment)         This product was prepared from monospecific antiserum by immunoaffinity chromatography using Mouse IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Alkaline Phosphatase (calf intestine), anti-Goat Serum, Mouse IgG, Mouse IgG F(c) and Mouse Serum. No reaction was observed against Mouse IgG F(ab).         Minimal Cross Reactivity: none         Formulation, Transport and Storage         Storage Buffer:       0.05 M Tris Chloride, 0.15M Sodium Chloride, 0.001M Magnesium Chloride, 0.001M Zinc Chloride, 50% (v/v) Glycerol; pH 8.0         Stabilizer:       10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Proteases free	Antibody Format:	IgG whole molecule	Concentration:				
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Application Recommendation	Stabilizer:10 mg/mL Bovine SerumAlbumin (BSA) - Immunoglobulin and Proteasefree						
	Application Recon	nmendation	I				

This product is for In Vitro experimental use only. Not for Therapeutic or Diagnostic use.								
Manufacturer				Management System				
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85386 Eching	www.biozol.de	Powered by BIOZOL	ZERTIFIZIERT	www.tuv.com ID 9000019771				



#### Product Datasheet / Instruction for use



Application: ELISA, Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections), Immunohistochemistry (frozen sections), Western Blot

**Dilution:** ELISA 1:2,000 - 1:10,000, Immunohistochemistry (IHC) 1:200 - 1:1,000, Western Blot (WB) 1:500 - 1:2.500

#### **Application Note:**

This product has been assayed against 1.0 ug of Mouse IgG in a standard capture ELISA using pNPP p-nitrophenyl phosphate code # NPP-10 as a substrate for 30 minutes at room temperature. A working dilution of 1:500 to 1:5,000 of the reconstitution concentration is suggested for this product.

### **Background Information**

Anti-Mouse IgG F(c) Alkaline Phosphatase generated in goat is a proteolytic fragment of immunoglobulin G (IgG) obtained by limited digestion with the enzyme papain under controlled conditions of temperature, time and pH. Receptors bind the Fc portion of mouse IgG and often this fragment is removed from immunoglobulins to minimize receptor binding and lower background reactivity.

### **Safety Information**

This reagent contains sodium azide (a poisonous and hazardous substance) as preservative. Although this concentration is not regarded as dangerous to health, appropriate measures should be taken to avoid skin and eye contact, inhalation, and ingestion. Standard Laboratory Practices should be followed when handling this material.

### Disclaimer

This product is warranted to perform in conformance with product specifications and to be free from defects in material and workmanship. Products are supplied for research use only. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated, this warranty is limited to one year from date of shipment when the product is subjected to normal, proper and intended usage. Buyer's exclusive remedy for non-conforming products during the warranty period is limited to replacement of or refund for the non-conforming product(s). There is no obligation to replace products as the result of accident or disaster or inappropriate use of the products in a manner for which they were not designed, or improper storage and handling of the products.

This product is for In Vitro experimental use only. Not for Therapeutic or Diagnostic use.

Manufacturer

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