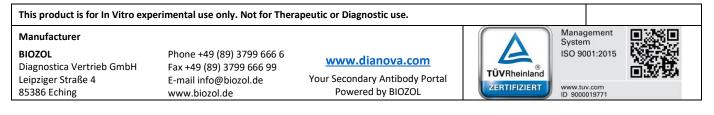




# Rabbit F(ab')2 anti-Mouse IgG (H+L)-Alk. Phos., MinX Hu

### **General Information**

Catalog Number: SEC-183811	Physical State:	Liquid (sterile filtered)
Quantity: 0,5 mg	Reconstitution Volume:	
	Reconstitution Buffer:	
	Shipping Conditions:	Wet Ice
	Product Expiration	Expiration date is one (1) year from date of opening.
Antibody Host / Format	l	
Host Species: Rabbit	Clonality / Isotype / Clo	one: polyclonal Ig
Antibody Format: IgG F(ab')2 Fragment	Concentration:	1.0 mg/mL by UV absorbance at 280 nm
	Conjugation:	Alkaline Phosphatase
	Maximum Excitation / Emission: /	
Specificity	I	
Target Species:MouseAntibody Specificity:IgG (H+L)	Immunogen:	Anti-Mouse F(ab')2 IgG (H&L) was produced by repeated immunization with Mouse IgG whole molecule in rabbit.
	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, pepsin digestion and chromatographic separation. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti- Alkaline Phosphatase, anti-Rabbit Serum, Mouse IgG and Mouse Serum. No reaction was observed against anti-Pepsin, anti-Rabbit IgG F(c) or Human Serum Proteins.	
	Minimal Cross Reactivity: Human	
Formulation, Transport and Storage		
<b>Storage Buffer:</b> 0.05 M Tris Chloride, 0.15M Sodium Chloride, 0.001M Magnesium Chloride, 0.0001M Zinc Chloride, 50% (v/v) Glycerol; pH 8.0	<b>Preservatives:</b> 0.1% (w/v) Sodium Azide 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.	
Stabilizer:10 mg/mL Bovine SerumAlbumin (BSA) - Immunoglobulin and Proteasefree	Freezing alkaline phosphatase conjugates will result in a substantial loss of enzymatic activity. Storage Temperature: 4-8°C	





#### Product Datasheet / Instruction for use



## **Application Recommendation**

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

**Dilution:** ELISA 1:4.000 - 1:20.000, Immunohistochemistry (IHC) 1:200 - 1:1,000, Western Blot (WB) 1:1.000 - 1:5.000

#### **Application Note:**

Antibody Anti-Mouse F(ab')2 IgG (H&L) is suitable for immunoblotting (western or dot blot), ELISA, and immunohistochemistry assays requiring lot-to-lot consistency.

#### **Background Information**

F(ab')2 Anti-Mouse IgG (H&L) Alkaline Phosphatase Antibody generated in rabbit was generated by enzymatic cleavage and subsequent separation from the Fc fragment. Because of their smaller size, F(ab)2 fragments offer several advantages over intact antibodies for use in certain immunochemical techniques and experimental applications. F(ab)2 fragments penetrate tissue samples and show better antigen recognition and signal generation in IHC. F(ab)2 fragments lack the Fc region and therefore do not bind Fc receptors which effectively lowers background staining. F(ab')2 Antibody is ideal for investigators who routinely perform flow cytometry, immunohistochemistry or IHC and other immunoassays.

#### **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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