

Donkey IgG anti-Mouse IgG (H+L)-Alk. Phos., MinX Bo,Ck,Go,Gp,Hm,Ho,Hu,Rb,Rt,Sh

General Information

Catalog Number: SEC-183336	Physical State: Liquid (sterile filtered)
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

Host Species: Donkey	Clonality / Isotype / Clone: polyclonal Ig
Antibody Format: IgG whole molecule	Concentration: 1.0 mg/mL by UV absorbance at 280 nm
	Conjugation: Alkaline Phosphatase
	Maximum Excitation / Emission: /

Specificity

Target Species: Mouse	Immunogen: Mouse IgG whole molecule
Antibody Specificity: IgG (H+L)	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-Donkey Serum, Mouse IgG and Mouse Serum. No reaction was observed against Bovine, Chicken, Goat, Guinea Pig, Hamster, Horse, Human, Rabbit, Rat and Sheep Serum Proteins.
	Minimal Cross Reactivity: Bovine, Chicken, Goat, Guinea Pig, Hamster generally, Horse, Human, Rabbit, Rat, Sheep

Formulation, Transport and Storage

Storage Buffer: 0.05 M Tris Chloride, 0.15M Sodium Chloride, 0.001M Magnesium Chloride, 0.0001M Zinc Chloride, 50% (v/v) Glycerol; pH 8.0	Preservatives: 0.1% (w/v) Sodium Azide
Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free	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

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

Manufacturer

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Management System
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www.tuv.com
ID 900019771

Application Recommendation

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

Dilution: ELISA 1:2,000 - 1:20,000, Immunohistochemistry (IHC) 1:500 - 1:2,500, Western Blot (WB) 1:1.000 - 1:5.000

Application Note:

This product is suitable for immunoblotting (western or dot blot), ELISA, immunohistochemistry as well as other alkaline phosphatase-antibody based enzymatic assays requiring lot-to-lot consistency.

Background Information

Anti-Mouse IgG Alkaline Phosphatase Antibody generated in donkey detects reactivity to Mouse IgG. Secreted as part of the adaptive immune response by plasma B cells, immunoglobulin G constitutes 75% of serum immunoglobulins. Immunoglobulin G binds to viruses, bacteria, as well as fungi and facilitates their destruction or neutralization via agglutination (and thereby immobilizing them), activation of the complement cascade, and opsonization for phagocytosis. The whole IgG molecule possesses both the F(c) region, recognized by high-affinity Fc receptor proteins, as well as the F(ab) region possessing the epitope-recognition site. Both the Heavy and Light chains of the antibody molecule are present. Secondary Antibodies are available in a variety of formats and conjugate types. When choosing a secondary antibody product, consideration must be given to species and immunoglobulin specificity, conjugate type, fragment and chain specificity, level of cross-reactivity, and host-species source and fragment composition.

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.

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