

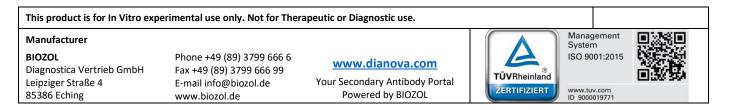
Product Datasheet / Instruction for use



Rabbit IgG anti-Cat IgG (F(ab')2)-HRPO, MinX none

General Information

Catalog Number: S	EC-182503	Physical State:	Lyophilized
Quantity:	20 mg	Reconstitution Volume:	2.0 mL
		Reconstitution Buffer:	Restore with deionized water (or equivalent)
		Shipping Conditions:	at room temperature
		Product Expiration	Expiration date is one (1) year from date of opening.
Antibody Host / For	mat	I	
Host Species: R	abbit	Clonality / Isotype / Clon	ne: polyclonal Ig
Antibody Format: ાઠ્ઠ	gG whole molecule	Concentration:	10.0 mg/mL by UV absorbance at 280 nm
		Conjugation:	Horseradish Peroxidase (HRP)
		Maximum Excitation / Er	mission: /
Specificity		I	
Target Species:	Cat	Immunogen:	Cat IgG F(ab')2 fragment
Antibody Specificity: IgG (F(ab')2 Fragment)		This product is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophores resulted in a single precipitin arc against anti-Peroxidase, anti-Rabbit Serum, Cat IgG, Cat IgG F(ab')2 and Cat Serum. No reaction was observe against Cat IgG F(c).	
		Minimal Cross Reactivity: none	
Formulation, Transp	port and Storage	I	
Storage Buffer:0.01 M Sodium Phosphate,0.15 M Sodium Chloride, pH 7.2Stabilizer:10 mg/mL Bovine Serum		Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an	
Albumin (BSA) - Immunoglobulin and Protease free		undiluted liquid. Dilute only prior to immediate use.	
Preservatives: 0.01% (w/v) Gentamicin Sulfate		Storage Temperature: 4-8°C	
Sulfate			





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

Dilution: ELISA 1:10.000 - 1:50.000, Immunohistochemistry (IHC) 1:500 - 1:2,500, Western Blot (WB) 1:1.000 - 1:10.000

Application Note:

Secondary antibody reagents are ideal for ELISA, western blotting, Immunohistochemistry, Fluorescence Microscopy, Flow Cytometry as well as other antibody detection methods.

Background Information

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 compliment cascade, and opsinization for phagocytosis. 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. Anti-Cat IgG F(ab')2 Peroxidase antibody is ideal for investigators in Immunology, Cancer, and Microbiology research.

Safety Information

This reagent contains Gentamicin Sulfate (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.DO NOT ADD SODIUM AZIDE! Use of Sodium Azide as a preservative will substantially inhibit the enzyme activity of horseradish peroxidase!

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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