

Goat Fab anti-Rabbit IgG (H+L)-FITC, MinX none

General Information

Catalog Number:	SEC-183965	Physical State:	Lyophilized
Quantity:	1 mg	Reconstitution Volume:	1.0 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 / Format

Host Species:	Goat	Clonality / Isotype / Clone:	polyclonal Ig
Antibody Format:	IgG Fab Fragment	Concentration:	1.0 mg/mL by UV absorbance at 280 nm
		Conjugation:	FITC (Fluoresceinisothiocyanat)
		Maximum Excitation / Emission:	492 nm / 520 nm

Specificity

Target Species:	Rabbit	Immunogen:	Rabbit IgG whole molecule
Antibody Specificity:	IgG (H+L)	<p>This product was prepared from monospecific antiserum by immunoaffinity chromatography using Rabbit IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities, papain digestion and chromatographic separation. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Fluorescein and anti-Goat Serum. No reaction was observed against anti-Papain or anti-Goat IgG F(c).</p> <p>Minimal Cross Reactivity: none</p>	

Formulation, Transport and Storage

Storage Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2	<p>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 undiluted liquid. Dilute only prior to immediate use.</p> <p>Storage Temperature: 4-8°C</p>
Stabilizer:	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free	
Preservatives:	0.01% (w/v) Sodium Azide	

Application Recommendation

Application: FLISA, Immunofluorescence

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

Manufacturer

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Your Secondary Antibody Portal
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Management System
ISO 9001:2015
www.tuv.com
ID 9000019771



Dilution: FLISA 1:10.000 - 1:50.000, Immunofluorescence 1:1,000 - 1:5,000

Application Note:

This product is designed for immunofluorescence microscopy, fluorescence based plate assays (FLISA) and fluorescent western blotting. This product is also suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms requiring extremely low background levels, absence of F(c) mediated binding, lot-to-lot consistency, high titer and specificity.

Background Information

Fab Anti-Rabbit IgG (H&L) Antibody generated in goat detects rabbit IgG. Representing approximately 75% of serum immunoglobulins, IgG is the most abundant antibody isotype found in the circulation. IgG molecules are synthesized and secreted by plasma B cells. 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. Fab Antibody is ideal for investigators who routinely perform flow cytometry, immunofluorescence, IHC, and other immunoassays. This Fab Anti-Rabbit IgG Antibody is conjugated to fluorescein.

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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