

Rabbit Antiserum anti-Human IgG (F(ab')₂)-unconj., MinX none

General Information

Catalog Number:	SEC-182446	Physical State:	Lyophilized
Quantity:	2 ml	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 / Format

Host Species:	Rabbit	Clonality / Isotype / Clone:	polyclonal Ig
Antibody Format:	Antiserum	Concentration:	28.0 mg/mL by Refractometry
		Conjugation:	unconjugated
		Maximum Excitation / Emission:	/

Specificity

Target Species:	Human	Immunogen:	Human IgG F(ab') ₂ fragment
Antibody Specificity:	IgG (F(ab') ₂ Fragment)	This product was prepared from monospecific antiserum by a delipidation and defibrination. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-rabbit serum, Human IgG, Human IgG F(ab') ₂ and Human Serum. No reaction was observed against Human IgG F(c).	
		Minimal Cross Reactivity:	none

Formulation, Transport and Storage

Storage Buffer:	0.01 M Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2	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.
Stabilizer:	None	
Preservatives:	None	
		Storage Temperature: 4-8°C

Application Recommendation

Application:	ELISA, Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections), Immunohistochemistry (frozen sections)
Dilution:	ELISA 1:20.000 - 1:100.000, Immunohistochemistry (IHC) 1:1,000 - 1:5,000, Western Blot (WB) 1:2.000 - 1:10.000

Manufacturer

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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

Anti-Human IgG F(ab')₂ Antibody generated in rabbit recognizes the dimeric Fab portion of the human IgG molecule. Human IgG F(ab')₂ is a proteolytic fragment of immunoglobulin G (IgG) obtained by limited digestion with the enzyme pepsin under controlled conditions of temperature, time and pH. F(ab')₂ molecules lack the Fc portion of IgG and therefore receptors that bind human IgG F(c) will not bind human IgG F(ab')₂ molecules. 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

The product contains no hazardous constituents. 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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