

Goat F(ab')₂ anti-Human IgG (H+L)-unconj., MinX Bo, Ho, Ms, Rt

General Information

Catalog Number:	SEC-183727	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:	Goat	Clonality / Isotype / Clone:	polyclonal Ig
Antibody Format:	IgG F(ab') ₂ Fragment	Concentration:	1.0 mg/mL by UV absorbance at 280 nm
		Conjugation:	unconjugated
		Maximum Excitation / Emission:	/

Specificity

Target Species:	Human	Immunogen:	Anti-Human IgG was produced by repeated immunization with human IgG whole molecule in goat.
Antibody Specificity:	IgG (H+L)		F(ab') ₂ Anti-Human IgG (H&L) Antibody was prepared from monospecific antiserum by immunoaffinity chromatography using Human 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-Goat Serum, Human IgG and Human Serum. No reaction was observed against anti-Pepsin, anti-Goat IgG F(c), or Bovine, Horse, Mouse and Rat Serum Proteins.
		Minimal Cross Reactivity:	Bovine, Horse, Mouse, Rat

Formulation, Transport and Storage

Storage Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2	Storage Temperature:	4-8°C
Stabilizer:	None		
Preservatives:	0.01% (w/v) Sodium Azide		

Application Recommendation

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

Manufacturer

BIOZOL
Diagnostica Vertrieb GmbH
Leipziger Straße 4
85386 Eching

Phone +49 (89) 3799 666 6
Fax +49 (89) 3799 666 99
E-mail info@biozol.de
www.biozol.de

www.dianova.com

Your Secondary Antibody Portal
Powered by BIOZOL



Management System
ISO 9001:2015
www.tuv.com
ID 9000019771



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

Dilution: ELISA 1:42.000, Immunohistochemistry (IHC) 1:500 - 1:2,000, Western Blot (WB) 1:1.000 - 1:5.000

Application Note:

F(ab')₂ Anti-Human IgG (H&L) Antibody is suitable for immunoblotting (western or dot blot), ELISA, and immunohistochemistry as well as other peroxidase-antibody based enzymatic assays requiring lot-to-lot consistency.

Background Information

F(ab')₂ Anti-Human IgG (H&L) Antibody generated in goat detects immunoglobulin g from human, both heavy and light chains of the antibody molecule are present. Each IgG has two antigen binding sites. Representing approximately 75% of serum immunoglobulins in humans, 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. F(ab')₂ Antibody is ideal for investigators who routinely perform flow cytometry, immunohistochemistry or IHC and other immunoassays. F(ab')₂ Anti-Human IgG (H&L) Antibody is ideal for investigators in Immunology, Cancer, and Microbiology research.

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

BIOZOL
Diagnostica Vertrieb GmbH
Leipziger Straße 4
85386 Eching

Phone +49 (89) 3799 666 6
Fax +49 (89) 3799 666 99
E-mail info@biozol.de
www.biozol.de

www.dianova.com

Your Secondary Antibody Portal
Powered by BIOZOL



Management
System
ISO 9001:2015
www.tuv.com
ID 9000019771

