ANTIBODIES ONLINE

Datasheet for ABIN965093

Goat anti-Human IgG (F(ab')2 Region) Antibody - Preadsorbed

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Overview

Quantity:	1 mg
Target:	IgG
Binding Specificity:	F(ab')2 Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB)

Product Details

Immunogen:	Immunogen: Anti-Human IgG was produced by repeated immunization with human IgG F(ab')2 fragment in goat. Immunogen Type: Native Protein
Isotype:	IgG
Fragment:	F(ab')2 fragment
Specificity:	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum, Human IgG, Human IgG F(ab')2 and Human Serum.
Cross-Reactivity:	Human
Characteristics:	Anti-Human antibody generated in goat detects specifically human IgG F(ab')2. This secondary antibody anti-Human is ideal for investigators who routinely perform titration assays, western-blot, immunoprecipitation and more generally immunoassays. Anti-Human antibody generated in goat detects specifically human IgG F(ab')2. This secondary

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Product Details

	antibody anti-Human is ideal for investigators who routinely perform titration assays, western-blot, immunoprecipitation and more generally immunoassays.
Purification:	Preadsorption: Solid phase absorption
Sterility:	Sterile filtered

Target Details

Target:	IgG
Abstract:	IgG Products
Target Type:	Antibody
Background:	Synonyms: Goat F(ab')2 Anti-Human IgG F(ab')2 Antibody Pre-Adsorbed, Goat F(ab')2 Anti-Human IgG F(ab')2 Antibody Background: F(ab')2 Anti-Human IgG F(ab')2 Antibody generated in goat detects F(ab')2 from human. 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.

Application Details

Application Notes:	Immunohistochemistry Dilution: 1:500 - 1:2,500 Application Note: Antibody Anti-Human IgG F(ab')2 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. ELISA Dilution: 1:25,000 Western Blot Dilution: 1:1,000 - 1:5,000
Restrictions:	For Research Use only

Handling

Format:	Liquid

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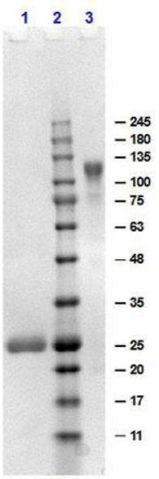
Handling

Concentration:	1.0 mg/mL
Buffer:	Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 Stabilizer: None Preservative: 0.01 % (w/v) Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid cycles of freezing and thawing.
Storage:	4 °C,-20 °C
Storage Comment:	Store vial antibody at 4 °C prior to restoration. For extended storage aliquot antibody and freeze at -24 °C or below. This product is stable for several weeks at 4 °C as an undiluted liquid.
Expiry Date:	12 months

Publications

Product cited in:	Chen, Williams: "Molecular mediators for raft-dependent endocytosis of syndecan-1, a highly conserved, multifunctional receptor." in: **The Journal of biological chemistry**, Vol. 288, Issue 20, pp. 13988-99, (2013) (PubMed).

Images



SDS-PAGE

Image 1. SDS-PAGE results of Goat F(ab')2 Anti-Human IgG F(ab')2 Antibody. Lane 1: reduced Goat F(ab')2 Anti-Human IgG F(ab')2. Lane 2: Opal PreStained Molecular Weight Ladder . Lane 3: non-reduced Goat F(ab')2 Anti-Human IgG F(ab')2. Load: 1.0µg. 4-20% SDS Gel, Coomassie Blue Stained.