



Datasheet for ABIN965093

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



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1 Image

1 Publication

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

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|-------------------|--|
| 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 |

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

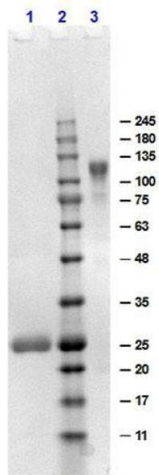
Format: Liquid

Handling

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| 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

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|-------------------|---|
| Product cited in: | <p>Gupta, Campbell, Dérijard, Davis: "Transcription factor ATF2 regulation by the JNK signal transduction pathway." in: Science (New York, N.Y.), Vol. 267, Issue 5196, pp. 389-93, (1995) (PubMed).</p> <p>Livingstone, Patel, Jones: "ATF-2 contains a phosphorylation-dependent transcriptional activation domain." in: The EMBO journal, Vol. 14, Issue 8, pp. 1785-97, (1995) (PubMed).</p> <p>van Dam, Wilhelm, Herr, Steffen, Herrlich, Angel: "ATF-2 is preferentially activated by stress-activated protein kinases to mediate c-jun induction in response to genotoxic agents." in: The EMBO journal, Vol. 14, Issue 8, pp. 1798-811, (1995) (PubMed).</p> <p>Abdel-Hafiz, Heasley, Kyriakis, Avruch, Kroll, Johnson, Hoefler: "Activating transcription factor-2 DNA-binding activity is stimulated by phosphorylation catalyzed by p42 and p54 microtubule-associated protein kinases." in: Molecular endocrinology (Baltimore, Md.), Vol. 6, Issue 12, pp. 2079-89, (1993) (PubMed).</p> |
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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.