Datasheet for ABIN965195

Rabbit anti-Mouse IgG (Heavy & Light Chain) Antibody (Alkaline Phosphatase (AP)) - Preadsorbed

1 Publication

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Overview

Quantity:	500 µg
Target:	IgG
Binding Specificity:	Heavy & Light Chain
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Alkaline Phosphatase (AP)
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB)

Product Details

Immunogen:	Immunogen: Anti-Mouse F(ab')2 IgG (H&L) was produced by repeated immunization with Mouse IgG whole molecule in rabbit. Immunogen Type: Native Protein
Isotype:	IgG
Fragment:	F(ab')2 fragment
Specificity:	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Alkaline Phosphatase, anti-Rabbit Serum, Mouse IgG and Mouse Serum.
Cross-Reactivity:	Mouse (Murine)
Characteristics:	Anti-Mouse F(ab')2 IgG (H&L) antibody generated in rabbit detects specifically mouse F(ab')2 IgG (H&L). This secondary antibody anti-Mouse is ideal for investigators who routinely perform titration assays, western-blot, immunoprecipitation and more generally immunoassays.

Product Details

	Anti-Mouse F(ab')2 IgG (H&L) antibody generated in rabbit detects specifically mouse F(ab')2 IgG (H&L). This secondary antibody anti-Mouse is ideal for investigators who routinely perform titration assays, western-blot, immunoprecipitation and more generally immunoassays.
Purification:	Preadsorption: Solid phase absorption

Target Details

Target:	IgG
Abstract:	IgG Products
Target Type:	Antibody
Background:	Synonyms: Rabbit F(ab')2 Anti-Mouse IgG Antibody alkaline phosphatase Conjugation, Rabbit Fab2 Anti-Mouse IgG alk phos conjugated Antibody Background: F(ab')2 Anti-Mouse IgG (H&L) Alkaline Phosphatase Antibody generated in rabbit was generated by enzymatic cleavage and subsequent separation from the Fc fragment. Because of their smaller size, F(ab)2 fragments offer several advantages over intact antibodies for use in certain immunochemical techniques and experimental applications. F(ab)2 fragments penetrate tissue samples and show better antigen recognition and signal generation in IHC. F(ab)2 fragments lack the Fc region and therefore do not bind Fc receptors which effectively lowers background staining. 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: 1:200 - 1:1,000 Application Note: Antibody Anti-Mouse F(ab')2 IgG (H&L) is suitable for immunoblotting (western or dot blot), ELISA, and immunohistochemistry assays requiring lot-to-lot consistency. ELISA Dilution: 1:4,000 - 1:20,000 Western Blot Dilution: 1:1,000 - 1:5,000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1.0 mg/mL
Buffer:	Buffer: 0.05 M Tris Chloride, 0.15M Sodium Chloride, 0.001M Magnesium Chloride, 0.0001M

Handling

	Zinc Chloride, 50 % (v/v) Glycerol, pH 8.0 Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free Preservative: 0.1 % (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:	**Do not freeze!** Freezing alkaline phosphatase conjugates will result in a substantial loss of enzymatic activity. **Do not add Sodium azide.** Dilute only prior to immediate use Each reagent is stable for the period shown on the bottle label if stored as directed.
Storage:	4 °C
Storage Comment:	This product is stable for several weeks at 4 °C as an undiluted liquid.
Expiry Date:	12 months

Publications

Product cited in:	Furukawa, Doh-ura, Okuwaki, Shirabe, Yamamoto, Udono, Ito, Katamine, Niwa: "A pitfall in diagnosis of human prion diseases using detection of protease-resistant prion protein in urine. Contamination with bacterial outer membrane proteins." in: **The Journal of biological chemistry**, Vol. 279, Issue 22, pp. 23661-7, (2004) (PubMed).