

Datasheet for ABIN965068

**Rabbit anti-Golden Syrian Hamster IgG (Heavy & Light Chain)
Antibody (Alkaline Phosphatase (AP)) - Preadsorbed**[Go to Product page](#)**1** Publication

Overview

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

Product Details

Immunogen:	Immunogen: Golden Syrian Hamster IgG whole molecule
Isotype:	IgG
Fragment:	F(ab') ₂ fragment
Specificity:	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Alkaline Phosphatase, anti-Rabbit Serum, Golden Syrian Hamster IgG and Golden Syrian Hamster Serum.
Purification:	Preadsorption: Solid phase absorption

Target Details

Target:	IgG
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Target Details

Abstract: [IgG Products](#)

Target Type: Antibody

Background: Synonyms: Rabbit F(ab')₂ Anti-Golden Syrian & Armenian Hamster IgG Antibody Alkaline Phosphatase conjugation, Rabbit F(ab')₂ Anti-Hamster IgG Alkaline Phosphatase Conjugated Antibody, Rabbit Fab₂ Anti-Hamster IgG alk phos Conjugated Antibody
Background: F(ab')₂ Anti-Golden Syrian Hamster IgG Alkaline Phosphatase Antibody 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: Suitable for immunomicroscopy and flow cytometry or FACS analysis as well as other antibody based fluorescent assays requiring lot-to-lot consistency. This product has been assayed against 1.0 µg of Hamster IgG in a standard capture ELISA using pNPP p-nitrophenyl phosphate code # NPP-10 as a substrate for 30 minutes at room temperature. A working dilution of 1:4,000 to 1:20,000 of the reconstitution concentration is suggested for this product.
ELISA Dilution: 1:3,000 - 1:12,000
Western Blot Dilution: 1:500 - 1:2,000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.6 mg/mL

Buffer: Buffer: 0.05 M Tris Chloride, 0.15M Sodium Chloride, 0.001M Magnesium Chloride, 0.0001M Zinc Chloride, 50 % (v/v) Glycerol, pH 8.0
Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
Preservative: 0.01 % (w/v) Sodium Azide

Handling

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:	Store vial at 4 °C
Expiry Date:	12 months

Publications

Product cited in:	Greives, French, Zysling, Garcia, Demas: "The glutamate agonist NMDA blocks gonadal regression and enhances antibody response to an immune challenge in Siberian hamsters (<i>Phodopus sungorus</i>)." in: Journal of comparative physiology. B, Biochemical, systemic, and environmental physiology , Vol. 180, Issue 2, pp. 267-77, (2010) (PubMed).
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