

Datasheet for ABIN1044021

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



[Go to Product page](#)

Overview

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

Product Details

Immunogen:	Immunogen: Guinea Pig 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, Guinea Pig IgG and Guinea Pig Serum.
Purification:	PreadSORPTION: immunoaffinity chromatography using Guinea Pig IgG coupled to agarose beads
Sterility:	Sterile filtered

Target Details

Target: IgG

Abstract: [IgG Products](#)

Target Type: Antibody

Background: Synonyms: Rabbit F(ab')₂ Anti-Guinea Pig IgG Antibody Alkaline Phosphatase Conjugation, Rabbit Fab₂ Anti-Guinea Pig IgG alk phos Conjugated Antibody
Background: F(ab')₂ Anti-Guinea Pig 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: 1:500-1:1,000
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 Guinea pig 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: 1:10,000-1:50,000
Western Blot Dilution: 1:1,000-1:5,000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 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

Handling Advice: **Do not freeze!** Freezing alkaline phosphatase conjugates will result in a substantial loss of

Handling

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.

Centrifuge product if not completely clear after standing at room temperature.

Storage: 4 °C

Storage Comment: Store vial at 4 °C prior to restoration. This product is stable for several weeks at 4 °C as an undiluted liquid.

Expiry Date: 12 months