

Datasheet for ABIN101318

## Rabbit anti-Guinea Pig IgG (F(ab')<sub>2</sub> Region) Antibody (Alkaline Phosphatase (AP)) - Preadsorbed



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### Overview

Quantity:	1 mg
Target:	IgG
Binding Specificity:	F(ab') <sub>2</sub> Region
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 F(ab') <sub>2</sub> fragment
Isotype:	IgG
Specificity:	IgG F(ab') <sub>2</sub>
Characteristics:	Concentration Definition: by UV absorbance at 280 nm
Purification:	Preadsorption: Solid phase absorption
Sterility:	Sterile filtered

### Target Details

Target:	IgG
Abstract:	<a href="#">IgG Products</a>

## Target Details

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Target Type:	Antibody
Background:	<p>Synonyms: rabbit Anti-Guinea Pig IgG F(ab')<sub>2</sub> Antibody Alkaline Phosphatase Conjugated, rabbit Anti-Guinea Pig IgG Fab<sub>2</sub> Fragment Antibody alk phos Conjugated</p> <p>Background: Anti-Guinea Pig IgG F(ab')<sub>2</sub> Alkaline Phosphatase Antibody generated in rabbit is a proteolytic fragment of immunoglobulin G (IgG) obtained by limited digestion with the enzyme pepsin under controlled conditions of temperature, time and pH . F(ab')<sub>2</sub> Molecules lack the Fc portion of IgG and therefore receptors that bind Guinea Pig IgG F(c) will not bind Guinea Pig IgG F(ab')<sub>2</sub> Molecules. 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.</p>

## Application Details

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Application Notes:	<p>Immunohistochemistry Dilution: 1:200 - 1:1,000</p> <p>Application Note: Anti-Guinea Pig IgG F(ab')<sub>2</sub> Alk Phos conjugate is suitable for immunoblotting (western or dot blot), ELISA, immunoelectron microscopy and immunohistochemistry as well as other antibody-based enzymatic assays requiring lot-to-lot consistency.</p> <p>ELISA Dilution: 1:2,000 - 1:8,000</p> <p>Western Blot Dilution: 1:500 - 1:2,000</p>
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Restrictions:	For Research Use only
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## Handling

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Format:	Liquid
Concentration:	1.0 mg/mL
Buffer:	<p>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</p> <p>Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free</p> <p>Preservative: 0.1 % (w/v) Sodium Azide</p>
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:	<b>Do not freeze!</b> Freezing alkaline phosphatase conjugates will result in a substantial loss of

## Handling

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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.

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Storage: 4 °C

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Expiry Date: 12 months