Datasheet for ABIN101307

Goat anti-Guinea Pig IgG (F(ab')2 Region) Antibody (Alkaline Phosphatase (AP)) - Preadsorbed

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Overview

Quantity:	1 mg
Target:	IgG
Binding Specificity:	F(ab')2 Region
Reactivity:	Guinea Pig
Host:	Goat
Clonality:	Polyclonal
Conjugate:	Alkaline Phosphatase (AP)
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB)

Product Details

Immunogen:	Immunogen: Guinea Pig IgG F(ab')2 fragment
Isotype:	IgG
Specificity:	IgG F(ab')2
Characteristics:	Concentration Definition: by UV absorbance at 280 nm
Purification:	Preadsorption: Solid phase absorption
Sterility:	Sterile filtered

Target Details

Target:	IgG
Abstract:	IgG Products

Target Details

Target Type:	Antibody
Background:	Synonyms: goat Anti-Guinea Pig IgG F(ab')2 Antibody Alkaline Phosphatase Conjugated, goat Anti-Guinea Pig IgG Fab2 Fragment Antibody alk phos Conjugated Background: Anti-Guinea Pig IgG F(ab')2 Alkaline Phosphatase antibody generated in goat 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')2 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')2 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.

Application Details

Application Notes:	Immunohistochemistry Dilution: 1:200 - 1:1,000 Application Note: 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 1:500 to 1:2,500 of the reconstitution concentration is suggested for this product. ELISA Dilution: 1:2,000 - 1:15,000 Western Blot Dilution: 1:500 - 1:2,500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 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: 0.1 % (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

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
Expiry Date:	12 months