

Datasheet for ABIN965348

Goat anti-Human IgG (Heavy & Light Chain) Antibody (Alkaline Phosphatase (AP)) - Preadsorbed



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Overview

Quantity:	1 mg
Target:	IgG
Binding Specificity:	Heavy & Light Chain
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	Alkaline Phosphatase (AP)
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB)

Product Details

Immunogen:	Immunogen: Human IgG whole molecule
Isotype:	IgG
Fragment:	Fab fragment
Specificity:	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti- Alkaline Phosphatase (calf intestine), and anti-Goat Serum.
Purification:	Preadsorption: Solid phase absorption

Target Details

Target:	IgG
Abstract:	IgG Products

Target Details

Target Type:	Antibody
Background:	<p>Synonyms: Goat Fab Anti-Human IgG Antibody Alkaline Phosphatase Conjugation, Goat Fab Anti-Human IgG alk phos Conjugated Antibody</p> <p>Background: Fab Anti-Human IgG (H&L) Alkaline Phosphatase Antibody generated in goat detects immunoglobulin g from human, both heavy and light chains of the antibody molecule are present. Each IgG has two antigen binding sites. Representing approximately 75 % of serum immunoglobulins in humans, IgG is the most abundant antibody isotype found in the circulation. IgG molecules are synthesized and secreted by plasma B cells. 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

Application Notes:	<p>Immunohistochemistry Dilution: 1:200 - 1:1,000</p> <p>Application Note: Fab Anti-Human IgG (H&L) Alkaline Phosphatase Antibody is suitable for immunoblotting (western or dot blot), ELISA and immunohistochemistry as well as other phosphatase-antibody based enzymatic assays requiring lot-to-lot consistency.</p> <p>ELISA Dilution: 1:2,000 - 1:10,000</p> <p>Western Blot Dilution: 1:500 - 1:2,500</p>
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	0.85 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: 0.01 % (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

Handling Advice:	<p>Do not freeze! Freezing alkaline phosphatase conjugates will result in a substantial loss of enzymatic activity.</p> <p>Do not add Sodium azide.</p> <p>Dilute only prior to immediate use</p> <p>Each reagent is stable for the period shown on the bottle label if stored as directed.</p>
Storage:	4 °C
Storage Comment:	This product is stable for several weeks at 4 °C as an undiluted liquid.
Expiry Date:	12 months