Datasheet for ABIN101206

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

3 Images

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Overview

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

Product Details

Immunogen:	Immunogen: Goat IgG whole molecule
Isotype:	IgG
Specificity:	IgG (H&L)
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: rabbit anti-Goat IgG Alkaline Phosphatase Conjugated Antibody, rabbit anti-Goat IgG Antibody alk phos Conjugation Background: 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: Anti-Goat IgG 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. ELISA Dilution: 1:2,000 - 1:13,000 Western Blot Dilution: 1:500 - 1:2,500
Comment:	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.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1.0 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 Advice:	**Do not freeze!** Freezing alkaline phosphatase conjugates will result in a substantial loss of

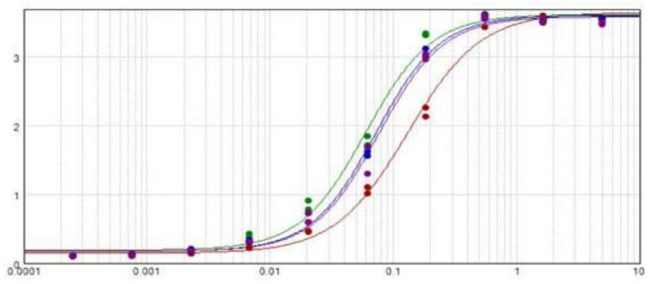
Handling

	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.
Storage:	4 °C
Expiry Date:	12 months

Images

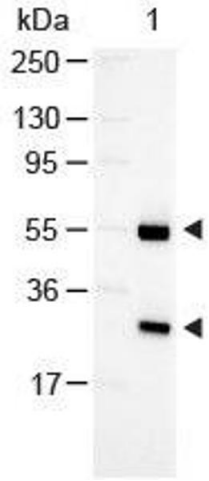
Dot Blot

Image 1. Dot Blot of Goat IgG (H&L) Secondary Antibody Alkaline Phosphatase Conjugated Antigen: Goat IgG Load: Lane 1 - 200ng Lane 2 - 66.7ng Lane 3 - 22.2ng Lane 4 - 7.4ng Lane 5 - 2.5ng Primary antibody: none Secondary antibody: Goat IgG (H&L) Secondary Antibody Alkaline Phosphatase Conjugated at 1:1,000 for 60 min at RT. Detected using Alkaline Phosphatase Substrate. Block: ABIN925618 60 min at RT.



Dot Blot

Image 2. ELISA results of purified Rabbit Anti-Goat IgG Alkaline Phosphatase Conjugated Antibody tested against purified Goat IgG. (Green Line). Each well was coated in duplicate with 1.0 µg of antigen. The starting dilution of antibody was 5µg/ml and the X-axis represents the Log10 of a 3-fold dilution. This titration is a 4-parameter curve fit where the IC50 is defined as the titer of the antibody. Assay performed using Blocking buffer and TMB substrate .



Western Blotting

Image 3. Western Blot of Rabbit anti-Goat Antibody Alkaline Phosphatase Conjugated Lane 1: Goat IgG Load: 100 ng per lane Secondary antibody: Alkaline Phosphatase Conjugated Rabbit Anti-Goat Antibody at 1:1000 for 60 min at RT Block: ABIN925618 30 min RT Predicted/Observed size: 55 and 28 kDa, 55 and 28 kDa