

Datasheet for ABIN1118493

Goat anti-Mouse IgG2b (Heavy Chain) Antibody (Alkaline Phosphatase (AP)) - Preadsorbed

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1 Image

Overview

Quantity:	1 mg
Target:	IgG2b
Binding Specificity:	Heavy Chain
Reactivity:	Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	Alkaline Phosphatase (AP)
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB)

Product Details

Immunogen:	Immunogen: Mouse IgG2b heavy chain Immunogen Type: Native Protein
Isotype:	IgG
Specificity:	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum, Mouse Serum and Mouse IgG. Specificity was confirmed by ELISA at less than 0.5 % of target signal.
Cross-Reactivity:	Mouse (Murine)
Characteristics:	Mouse IgG2b alkaline phosphatase conjugated secondary antibodies are ideal for western blot and are available in a variety of formats and conjugate types. When choosing a secondary antibody, consideration must be given to species and immunoglobulin specificity, conjugate type, fragment and chain specificity, level of cross-reactivity, and host-species source and

Product Details

fragment composition.

Purification: Preadsorption: Solid phase absorption

Sterility: Sterile filtered

Target Details

Target: IgG2b

Abstract: [IgG2b Products](#)

Target Type: Antibody

Background: Synonyms: goat anti-MOUSE IgG2b Antibody Alkaline phosphatase Conjugation, goat anti-Mouse IgG2b (gamma 2b) alk phos Conjugated Antibody

Background: Anti-Mouse IgG2b Alkaline Phosphatase Antibody generated in goat detects reactivity to Mouse IgG2b (Gamma 2b chain). Secreted as part of the adaptive immune response by plasma B cells, immunoglobulin G constitutes 75 % of serum immunoglobulins. IgG2, the second largest of IgG isotypes, comprises almost 25 % of IgG and has a low affinity for binding to the Fc receptor of phagocytic 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.

Application Details

Application Notes: Immunohistochemistry Dilution: 1:200 - 1:1,000

Application Note: Anti-Mouse IgG2b secondary antibody is suitable for ELISA, Immunohistochemistry, western blotting as well as other anti IgG2b antibody based assays. Mouse IgG2b alkaline phosphatase conjugated secondary antibodies are ideal for western blot and are available in a variety of formats and conjugate types.

ELISA Dilution: 1:2,000 - 1:10,000

Western Blot Dilution: 1:500 - 1:2,000

Restrictions: For Research Use only

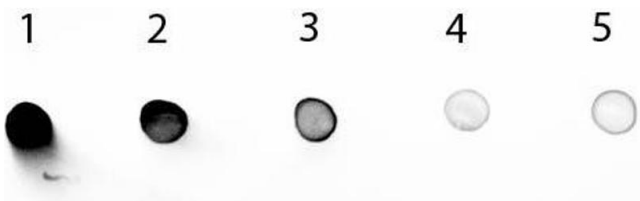
Handling

Format: Liquid

Handling

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: 0.01 % (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 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 opening. This product is stable at 4 °C as an undiluted liquid. For extended storage, mix with an equal volume of glycerol, aliquot contents and freeze at -24 °C or below.
Expiry Date:	12 months

Images



Dot Blot

Image 1. Dot Blot of Mouse IgG2b Antibody Alkaline Phosphatase Conjugated Pre-absorbed. Antigen: Mouse IgG2b. Load: Lane 1 - 100ng Lane 2 - 33.33ng Lane 3 - 11.11ng Lane 4 - 3.70ng Lane 5 - 1.23ng. Primary antibody: n/a. Secondary antibody: Mouse IgG2b Antibody Alkaline Phosphatase Conjugated Pre-absorbed at 1:1,000 for 60 min at RT. Block: ABIN925618 for 60 min at RT. Visualized using Alkaline Phosphatase Substrate.