

**Anti-Mouse IgG2b (Alkaline Phosphatase Conjugated) Pre-adsorbed Secondary Antibody  
Goat Polyclonal, Alkaline Phosphatase (Calf Intestine)  
Catalog # ASR2722**

**Specification**

**Anti-Mouse IgG2b (Alkaline Phosphatase Conjugated) Pre-adsorbed Secondary Antibody  
- Product Information**

Description	Anti-MOUSE IgG2b (Gamma 2b chain) (GOAT) Antibody Alkaline Phosphatase Conjugated (Min Cross Bv, Hu, and Rb Serum Proteins)
Host	Goat
Conjugate	Alkaline Phosphatase (Calf Intestine)
Target Species	Mouse
Reactivity	Mouse
Clonality	Polyclonal
Application	WB, E, IC
Application Note	ELISA 1:2,000-1:10,000; Western Blot 1:500-1:2,000; Immunoochemistry 1:200-1:1,000
Physical State	Liquid (sterile filtered)
Host Isotype	IgG
Target Isotype	IgG2b
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
Immunogen	Mouse IgG2b heavy chain
Stabilizer	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
Preservative	0.01% (w/v) Sodium Azide

**Anti-Mouse IgG2b (Alkaline Phosphatase Conjugated) Pre-adsorbed Secondary Antibody  
- Additional Information**

**Shipping Condition**

Wet Ice

**Purity**

Anti-MOUSE IgG2b (Gamma 2b chain) Antibody was prepared from monospecific antiserum by immunoaffinity chromatography using antigens coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum, Mouse Serum and Mouse IgG. No reaction was observed against Bovine, Human, and Rabbit Serum Proteins. Specificity was confirmed by ELISA at less than 1% of target signal.

**Storage Condition**

Store vial at 4° C before opening. DO NOT FREEZE. Conjugated antibody is stable at 4° C as an undiluted liquid. Dilute only prior to immediate use. Freezing alkaline phosphatase conjugates will result in a substantial loss of enzymatic activity.

**Precautions Note**

This product is for research use only and is not intended for therapeutic or diagnostic applications.

**Anti-Mouse IgG2b (Alkaline Phosphatase Conjugated) Pre-adsorbed Secondary Antibody - Protein Information****Anti-Mouse IgG2b (Alkaline Phosphatase Conjugated) Pre-adsorbed Secondary Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-Mouse IgG2b (Alkaline Phosphatase Conjugated) Pre-adsorbed Secondary Antibody - Images**

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: MB-070 for 60 min at RT. Visualized using Alkaline Phosphatase Substrate.

**Anti-Mouse IgG2b (Alkaline Phosphatase Conjugated) Pre-adsorbed Secondary Antibody - Background**

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 fragment composition.