

# Anti-MOUSE IgG2a (Alkaline Phosphatase Conjugated) Pre-adsorbed Secondary Antibody

Goat Polyclonal, Alkaline Phosphatase (Calf Intestine)

Catalog # ASR2721

## Product Information

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<b>Description</b>	Anti-MOUSE IgG2a (Gamma 2a chain) (GOAT) Alkaline Phosphatase Conjugated Antibody (Min Cross Bv, Hu, and Rb Serum Proteins)
<b>Host</b>	Goat
<b>Conjugate</b>	Alkaline Phosphatase (Calf Intestine)
<b>Target Species</b>	Mouse
<b>Reactivity</b>	Mouse
<b>Clonality</b>	Polyclonal
<b>Physical State</b>	Liquid (sterile filtered)
<b>Host Isotype</b>	IgG
<b>Target Isotype</b>	IgG2a
<b>Buffer</b>	0.05 M Tris Chloride, 0.15M Sodium Chloride, 0.001M Magnesium Chloride, 0.0001M Zinc Chloride, 50% (v/v) Glycerol; pH 8.0
<b>Immunogen</b>	Mouse IgG2a heavy chain
<b>Stabilizer</b>	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
<b>Preservative</b>	0.1% (w/v) Sodium Azide

## Additional Information

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<b>Shipping Condition</b>	Wet Ice
<b>Application Note</b>	Anti-Mouse IgG2a Alkaline Phosphatase Conjugated Secondary Antibodies are ideal for ELISA, Immunohistochemistry, western blotting, as well as other anti IgG2a antibody based assays.
<b>Purity</b>	MOUSE IgG2a 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 IgG2a. Specificity was confirmed by ELISA at less than 1% cross-reactivity against other mouse heavy or light chain isotypes. No reaction was observed against Bovine, Human, and Rabbit Serum Proteins. Specificity was confirmed by ELISA at less than 1% of target signal.
<b>Storage Condition</b>	Store secondary antibody 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.
<b>Precautions Note</b>	This product is for research use only and is not intended for therapeutic or diagnostic applications.

## Background

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Mouse IgG2a secondary antibody is available in a variety of formats. 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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.