10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-MOUSE IgG2a (Peroxidase Conjugated) Pre-adsorbed Secondary Antibody
Goat Polyclonal, Peroxidase (Horseradish)
Catalog # ASR2718

Specification

Anti-MOUSE IgG2a (Peroxidase Conjugated) Pre-adsorbed Secondary Antibody - Product Information

Description	**Anti-MOUSE IgG2a (Gamma 2a chain) (GOAT) Antibody Peroxidase Conjugated (Min Cross Bv, Hu, and Rb Serum Proteins)**
Host	**Goat**
Conjugate	**Peroxidase (Horseradish)**
Target Species	**Mouse**
Reactivity	**Mouse**
Clonality	**Polyclonal**
Application	**,1,10,15,**
Application Note	**ELISA 1:20,000-1:100,000;Western Blot 1:2,000-1:10,000;Immunochemistry 1:1,000-1:5,000**
Physical State	**Lyophilized**
Host Isotype	**IgG**
Target Isotype	**IgG2a**
Buffer	**0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2**
Immunogen	**Mouse IgG2a heavy chain**
Reconstitution Volume	**1.0 mL**
Reconstitution Buffer	**Restore with deionized water (or equivalent)**
Stabilizer	**10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free**
Preservative	**0.01% (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!**

Anti-MOUSE IgG2a (Peroxidase Conjugated) Pre-adsorbed Secondary Antibody - Additional Information

Shipping Condition
Ambient

Purity
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.

Storage Condition
Store secondary antibody at 4° C prior to restoration. For extended storage aliquot antibody and

freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. Anti-Mouse IgG HRP secondary antibody is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

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

Anti-MOUSE IgG2a (Peroxidase Conjugated) Pre-adsorbed Secondary Antibody - Protein Information

Anti-MOUSE IgG2a (Peroxidase 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 Cytomety
- Cell Culture

Anti-MOUSE IgG2a (Peroxidase Conjugated) Pre-adsorbed Secondary Antibody - Images

Anti-MOUSE IgG2a (Peroxidase Conjugated) Pre-adsorbed Secondary Antibody - Background

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