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Anti-Mouse IgG (gamma 1, 2a, 2b and 3 chain) (Phycoerythrin Conjugated) Secondary Antibody

Rabbit Polyclonal, R-Phycoerythrin (RPE)
Catalog # ASR3095

Product Information

Description	Anti-MOUSE IgG (gamma 1, 2a, 2b and 3 chain) (RABBIT) Antibody Phycoerythrin Conjugated
Host	Rabbit
Conjugate	R-Phycoerythrin (RPE)
Target Species	Mouse
Reactivity	Mouse
Clonality	Polyclonal
Physical State	Lyophilized
Host Isotype	IgG
Target Isotype	IgG (gamma 1, 2a, 2b and 3 chain)
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Immunogen	Anti-Mouse IgG subclass pan reactive Secondary Antibody was pproduced by repeated immunization with highly purified mouse IgG gamma 1, gamma 2a, gamma 2b and gamma 3 proteins
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) Sodium Azide

Additional Information

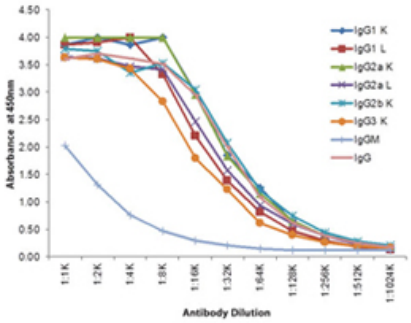
Shipping Condition	Ambient
Application Note	Anti-Mouse IgG subclass pan reactive Secondary Antibody is suitable for immunomicroscopy and flow cytometry or FACS analysis as well as other antibody based fluorescent assays requiring extremely low background levels, lot-to-lot consistency, high titer and specificity.
Purity	Anti-Mouse IgG subclass pan reactive Secondary 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. This product shows balanced reactivity to Mouse IgG1, IgG2a, IgG2b and IgG3 proteins and is suitable to screen IgG class hybridoma clones. Minimal cross reactivity is observed against other Mouse immunoglobulin classes or light chain proteins. Coupling to R-PE was followed by size exclusion chromatography to purify conjugate from unreacted R-PE and antibody. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Phycoerythrin, anti-Rabbit Serum, Mouse IgG and Mouse Serum.
Storage Condition	Store vial at 4° C prior to opening. Dilute only prior to immediate use. Do not

	freeze after reconstitution. Store reagent in the dark. This product is stable at 4° C as an undiluted liquid. Use subdued lighting during handling and incubation of cells prior to analysis.
Precautions Note	This product is for research use only and is not intended for therapeutic or diagnostic applications.

Background

Anti-Mouse IgG subclass pan reactive Secondary Antibody Phycoerythrin Conjugated is ideal for investigators who routinely perform flow cytometry, immunohistochemistry or IHC and other immunoassays like western blotting.

Images



Indirect ELISA of Rabbit Anti-Mouse IgG (gamma 1, 2a, 2b, and 3) antibody. Antigen: purified mouse IgG heavy and light chains. Coating amount: 0.1 µg per well. Primary antibody: Rabbit Anti-Mouse IgG (Gamma 1, 2a, 2b, and 3) HRP conjugated Antibody. Dilution series: 2-fold. Substrate: TMB (p/n TMBE-0100).

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