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Anti-Mouse IgM (H&L) Secondary Antibody

Goat Polyclonal, Unconjugated
Catalog # ASR2923

Product Information

Description	Anti-MOUSE IgM (H&L) (GOAT) Antibody
Host	Goat
Conjugate	Unconjugated
Target Species	Mouse
Clonality	Polyclonal
Physical State	Lyophilized
Host Isotype	IgG
Target Isotype	IgM (H&L)
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Immunogen	Mouse IgM whole molecule
Reconstitution Volume	5.0 mL
Reconstitution Buffer	Restore with deionized water (or equivalent)
Stabilizer	None
Preservative	0.01% (w/v) Sodium Azide

Additional Information

Shipping Condition	Ambient
Application Note	Anti-Mouse IgM (mu chain) (GOAT) Antibody has been assayed against Mouse IgM in a standard capture ELISA using Peroxidase Conjugated Streptavidin. A working dilution of 1:15,000 to 1:70,000 of the concentration is suggested for this product. Mouse IgM antibody is suitable for immunosassays including western blot and ELISA.
Purity	Anti-MOUSE IgM (H&L) (GOAT) Antibody is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum, Mouse IgM and Mouse Serum. Some light chain cross reactivity may occur against Mouse IgG.
Storage Condition	Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product 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.

Background

Mouse IgM antibody recognizes the mu chain of the Mouse IgM. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Biotin, anti-Rabbit Serum, Mouse IgM and Mouse Serum. No reaction was observed against Mouse IgA or Mouse IgG. ELISA was used to confirm minimal cross reactivity against other mouse heavy or light chain isotypes. Anti-Mouse IgM antibody is ideal with investigators involved in serum component protein research.

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