

Datasheet for 610-103-130**Mouse IgG IgA IgM (H&L) Antibody Peroxidase Conjugated****Overview**

Description:	Goat Anti-Mouse IgG IgA IgM (H&L) Antibody Peroxidase Conjugated - 610-103-130
Item No.:	610-103-130
Size:	2 mg
Applications:	ELISA, WB
Reactivity:	Mouse
Host Species:	Goat

Product Details

Background:	Anti-Mouse IgG IgA and IgM whole molecule antibody generated in goat detects specifically Mouse IgG IgA and IgM whole molecule. This secondary antibody anti-Mouse is ideal for investigators who routinely perform ELISA, Sandwich ELISA, titration assays, western-blot, immunoprecipitation and more generally immunoassays.
Synonyms:	Goat anti-mouse IgG IgA IgM antibody peroxidase conjugation, goat anti-mouse IgGAM HRP conjugated antibody
Host Species:	Goat
Specificity:	IgG IgA IgM
Conjugate:	Peroxidase (HRP)
Clonality:	Polyclonal
Format:	IgG

Target Details

Reactivity:	Mouse
Immunogen Type:	Native Protein
Immunogen:	Anti-Mouse IgG IgA and IgM whole molecule was produced by repeated immunization with Mouse IgG IgA and IgM whole molecule in goat.

Purity/Specificity: This product was prepared from polyspecific antiserum by immunoaffinity chromatography using Mouse 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-Peroxidase and anti-Goat Serum. This reagent is suitable for the detection of all Mouse immunoglobulin isotypes and chain combinations.

Application Details

Tested Applications:	ELISA
Suggested Applications:	WB (Based on references)
Application Note:	Anti-Mouse IgG IgA and IgM Peroxidase Conjugated Antibody has been tested by ELISA and is suitable for immunoblotting (western or dot blot), ELISA, immunoperoxidase electron microscopy and immunohistochemistry as well as other peroxidase-antibody based enzymatic assays requiring lot-to-lot consistency.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:100,000
IHC:	1:250 - 1:1,500
WB:	1:500 - 1:3,000

Formulation

Physical State:	Lyophilized
Concentration:	2.0 mg/mL by UV absorbance at 280 nm
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	0.01% (w/v) Thimerosal
Stabilizer:	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
Reconstitution Volume:	1.0 mL
Reconstitution Buffer:	Restore with deionized water (or equivalent)

Shipping & Handling

Shipping Condition:	Ambient
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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.
Expiration:	Expiration date is one (1) year from date of receipt.

References

- Reeves TM et al. Proteolysis of submembrane cytoskeletal proteins ankyrin-G and α II-spectrin following diffuse brain injury: a role in white matter vulnerability at Nodes of Ranvier. *Brain Pathology (Zurich, Switzerland)* (2010)

Disclaimer

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