

Datasheet for 612-106-130**Rat IgG IgA IgM (H&L) Antibody Biotin Conjugated****Overview**

Description:	Goat Anti-Rat IgG IgA IgM (H&L) Antibody Biotin Conjugated - 612-106-130
Item No.:	612-106-130
Size:	2 mg
Applications:	ELISA
Reactivity:	Rat
Host Species:	Goat

Product Details

Background:	Anti-Rat IgG IgA IgM (H&L) biotin conjugated antibody generated in goat detects specifically rat IgG IgA IgM (H&L). This secondary biotin conjugated antibody anti-Rat is ideal for investigators who routinely perform titration assays, western-blot, immunoprecipitation and more generally immunoassays.
Synonyms:	goat anti-Rat IgG IgA IgM Antibody biotin conjugation, Goat Anti-rat IgGAM biotin conjugated antibody
Host Species:	Goat
Specificity:	IgG IgA IgM
Conjugate:	Biotin
Clonality:	Polyclonal
Format:	IgG

Target Details

Reactivity:	Rat
Immunogen Type:	Native Protein
Immunogen:	Anti-Rat IgG IgA IgM (H&L) was produced by repeated immunization with Rat IgG, IgA and IgM whole molecules in goat.

Purity/Specificity:	This product was prepared from polyspecific 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-biotin, anti-Goat Serum, Rat IgA, Rat IgG and Rat IgM. This reagent is suitable for the detection of all rat immunoglobulin subclasses, isotypes and chain combinations.
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Application Details

Tested Applications:	ELISA
Application Note:	Anti-Rat IgG IgA IgM (H&L) Biotin conjugated antibodies 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:	1:150,000
IHC:	1:1,000 - 1:10,000
WB:	1:2,000 - 1:20,000

Formulation

Physical State:	Lyophilized
Concentration:	1.0 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) Sodium Azide
Stabilizer:	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
Reconstitution Volume:	2.0 mL
Reconstitution Buffer:	Restore with deionized water (or equivalent)

Shipping & Handling

Shipping Condition:	Ambient
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.

Disclaimer

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