

Product Datasheet

Rat IgG Antibody Biotin Conjugated (orb347868)

Description	Rat-IgG (H&L) antibody (Biotin)
Species/Host	Rabbit
Reactivity	Rat
Conjugation	Biotin
Tested Applications	ELISA, IHC, WB
Immunogen	Rat IgG whole molecule
Preservatives	0.01% (w/v) Sodium Azide
Form/Appearance	Lyophilized
Concentration	2.0 mg/mL
Storage	Store secondary antibody 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.
Note	For research use only
Application notes	Secondary antibody Anti Rat IgG conjugated to biotin is available in a variety of formats. Anti-Rat IgG (H&L) Biotin Antibody has been tested by ELISA and is suitable for western blot, ELISA and immunohistochemistry as well as other antibody based enzymatic assays requiring lot-to-lot consistency.
Isotype	IgG
Clonality	Polyclonal

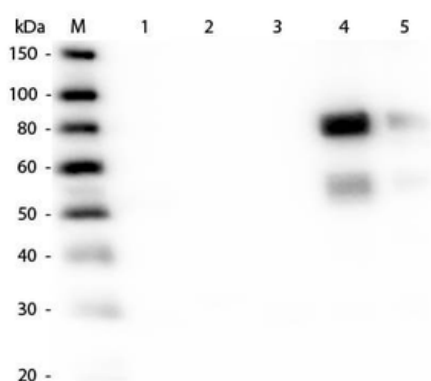
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Purity	Secondary Antibody was prepared from monospecific antiserum by immunoaffinity chromatography using Rat IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-biotin, anti-Rabbit Serum, Rat IgG and Rat Serum.
Dilution Range	ELISA: 1:500,000, IHC: 1:1,000 - 1:5,000, WB: 1:2,000 - 1:10,000
Expiration Date	12 months from date of receipt.



Western Blot of Anti-Rat IgM (mu chain) (RABBIT) Antibody (p/n orb347851). Lane M: 3 μ l Molecular Ladder. Lane 1: Rat IgG whole molecule (p/n orb2652744). Lane 2: Rat IgG F(c) Fragment (p/n orb346338). Lane 3: Rat IgG Fab Fragment (p/n orb346340). Lane 4: Rat IgM Whole Molecule (p/n orb346341). Lane 5: Rat Serum. All samples were reduced. Load: 50 ng per lane. Block: orb348637 for 30 min at RT. Primary Antibody: Anti-Rat IgM (mu chain) (RABBIT) Antibody (p/n orb347851) 1:2000 for 60 min at RT. Secondary Antibody: Anti-Rabbit IgG (GOAT) Peroxidase Conjugated Antibody (p/n orb347654) 1:40000 in orb348637 for 30 min at RT. Predicted/Observed Size: 25 and 55 kDa for Rat IgG and Serum, 25 kDa for F(c) and Fab, 78 and 25 kDa for IgM. Rat F(c) migrates slightly higher.

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