

Product Datasheet

Rabbit IgG (H&L) Antibody Texas Red Conjugated (orb347770)

Catalog Number	orb347770
Category	Antibodies
Description	Rabbit IgG (H&L) antibody (Texas Red)
Clonality	Polyclonal
Species/Host	Donkey
Isotype	IgG
Conjugation	Texas Red
Reactivity	Rabbit
Form/Appearance	Lyophilized
Concentration	1.0 mg/mL
Buffer/Preservatives	Preservative: 0.01% (w/v) Sodium Azide. Stabilizer: 10 mg/mL Bovine Serum Albumin (rAlbumin) - Immunoglobulin and Protease free; Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Purity	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Rabbit 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-Donkey Serum, Rabbit IgG, and Rabbit Serum.
Immunogen	Rabbit IgG whole molecule
Tested applications	DOT, FC, FLISA, IF, WB

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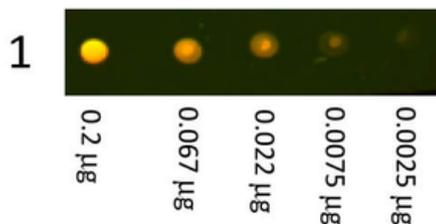
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Dilution range	FLISA: 1:10,000 - 1:50,000, FC: 1:500 - 1:2,500, IF: 1:1,000 - 1:5,000
Application notes	Anti-Rabbit IgG (H&L) Texas Red Antibody has been tested by dot blot and western blot and is designed for immunofluorescence microscopy, fluorescence based plate assays (FLISA) and fluorescent western blotting. This product is also suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms.
Antibody Type	Secondary Antibody
Storage	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.
Note	For research use only
Expiration Date	12 months from date of receipt.



Dot Blot showing the detection of Rabbit IgG. A three-fold serial dilution of Rabbit IgG starting at 200 ng was spotted onto 0.45 µm nitrocellulose. After blocking in 5% Blotto (p/n orb348624) 1 Hour at 20°C, Anti-Rabbit IgG (H&L) (DONKEY) Antibody Texas Red Conjugated (p/n orb347770) secondary antibody was used at 1:1000 in Blocking Buffer for Fluorescent Western Blotting (p/n orb348637).

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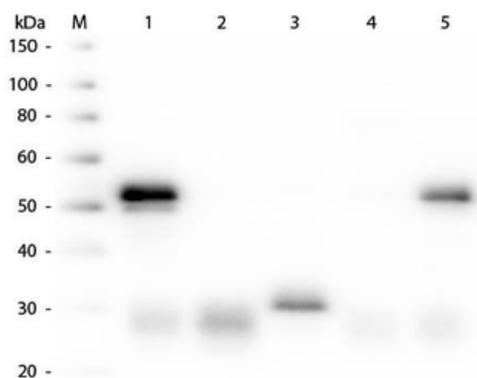
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Western Blot of Anti-Rabbit IgG (H&L) (DONKEY) Antibody Peroxidase Conjugated (p/n orb347767). Lane M: 3 μ l Molecular Ladder. Lane 1: Rabbit IgG whole molecule (p/n orb2652747). Lane 2: Rabbit IgG F(ab) Fragment (p/n orb2652745). Lane 3: Rabbit IgG F(c) Fragment (p/n orb346280). Lane 4: Rabbit IgM Whole Molecule (p/n orb346313). Lane 5: Normal Rabbit Serum. All samples were reduced. Load: 50 ng per lane. Block: orb348637 for 30 min at RT. Primary Antibody: Anti-Rabbit IgG (H&L) (DONKEY) Antibody Peroxidase Conjugated (p/n orb347767) 1:5000 for 60 min at RT. Secondary antibody: None. Predicted/Observed Size: 25 and 50 kDa for Rabbit IgG and Serum, 25 kDa for F(c) and F(ab), 70 and 23 kDa for IgM. Rabbit F(c) migrates slightly higher.

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