

Product Datasheet

Mouse IgG (H&L) Antibody Fluorescein Conjugated (orb347421)

Catalog Number	orb347421
Category	Antibodies
Description	Mouse IgG (H&L) antibody (FITC)
Clonality	Polyclonal
Species/Host	Goat
Isotype	IgG
Conjugation	FITC
Reactivity	Mouse
Form/Appearance	Lyophilized
Concentration	2.0 mg/mL
Buffer/Preservatives	Preservative: 0.01% (w/v) Sodium Azide. Stabilizer: 0.1 mg/ml Bovine Serum Albumin (rAlbumin) - IgG and Protease free, 50% (v/v) Glycerol; Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Purity	Goat Anti-Mouse IgG [H&L] FITC Conjugated Antibody was prepared from monospecific antiserum by immunoaffinity chromatography using Mouse 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-Fluorescein, anti-Goat Serum, Mouse IgG and Mouse Serum.
Immunogen	Mouse IgG whole molecule

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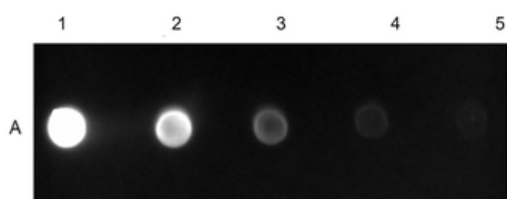
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Tested applications	DOT, FC, FLISA, IF, WB
Dilution range	FLISA: 1:10,000 - 1:50,000, FC: 1:500 - 1:2,500, IF: 1:1,000 - 1:5,000
Application notes	Anti-Mouse IgG FITC Conjugated Antibody has been tested by dot blot and western blot and is designed for immunofluorescence microscopy, flow cytometry, 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
Biological Activity	2.75
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 Results of Goat Anti-Mouse IgG Fluorescein Conjugated Antibody. Mouse IgG (p/n orb2652749) sample loaded 1-100 ng, 2- 33.33 ng, 3- 11.11 ng, 4- 3.70 ng, 5- 1.23 ng. Goat Anti-Mouse IgG Fluorescein Conjugated Antibody at 1.0 µg/ml for 60 mins at RT. Blocking Buffer for Fluorescent Western Blotting (p/n orb348637) for 60 mins at RT. Chemi filter.

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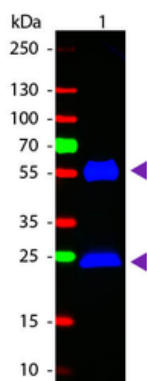
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Western Blot of Goat anti-Mouse IgG Fluorescein Conjugated Secondary Antibody. Lane 1: Mouse IgG. Load: 50 ng per lane. Primary antibody: None. Secondary antibody: Fluorescein goat secondary antibody at 1:1000 for 60 min at RT. Block: orb348637 for 30 min at RT. Predicted/Observed size: 25 & 55 kDa, 25 & 55 kDa for Mouse IgG. Other band(s): None.

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