

## Product Datasheet

# Human IgG (H&L) Antibody Fluorescein Conjugated (orb347261)

<b>Catalog Number</b>	orb347261
<b>Category</b>	Antibodies
<b>Description</b>	Human IgG (H&L) antibody (FITC)
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Mouse
<b>Isotype</b>	IgG
<b>Conjugation</b>	FITC
<b>Reactivity</b>	Human
<b>Form/Appearance</b>	Lyophilized
<b>Concentration</b>	1.0 mg/mL
<b>Buffer/Preservatives</b>	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
<b>Purity</b>	This product was prepared from monospecific polyclonal ascites by immunoaffinity chromatography using Human 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-Mouse Serum, Human IgG and Human Serum.
<b>Immunogen</b>	Human IgG whole molecule
<b>Tested applications</b>	DOT, FC, FLISA, IF

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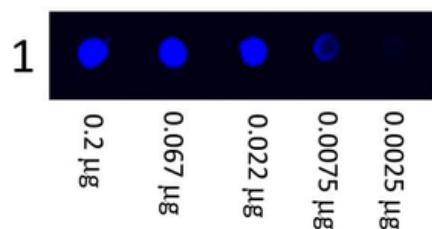
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<b>Dilution range</b>	FLISA: 1:10,000 - 1:50,000, FC: 1:500 - 1:2,500, IF: 1:1,000 - 1:5,000
<b>Application notes</b>	Mouse Anti-Human IgG (H&L) Antibody Fluorescein Conjugated has been tested by dot blot and is designed for immunofluorescence microscopy,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



Dot Blot showing the detection of Human IgG. A three-fold serial dilution of Human 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-Human IgG (H&L) (MOUSE) Antibody Fluorescein Conjugated (p/n orb347261) secondary antibody was used at 1:1000 in Blocking Buffer for Fluorescent Western Blotting (p/n orb348637).

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