

## Product Datasheet

### F(ab')<sub>2</sub> Mouse IgG (H&L) Antibody (orb348240)

<b>Description</b>	F(ab') <sub>2</sub> Mouse IgG (H&L) antibody
<b>Species/Host</b>	Goat
<b>Reactivity</b>	Mouse
<b>Conjugation</b>	Unconjugated
<b>Tested Applications</b>	DOT, ELISA, IHC, WB
<b>Immunogen</b>	Anti-Mouse IgG was produced by repeated immunization with Mouse IgG whole molecule in goat.
<b>Preservatives</b>	0.01% (w/v) Sodium Azide
<b>Form/Appearance</b>	Liquid (sterile filtered)
<b>Concentration</b>	1.0 mg/mL
<b>Storage</b>	Store vial at 4° C prior to opening. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing.
<b>Note</b>	For research use only
<b>Application notes</b>	F(ab') <sub>2</sub> Mouse IgG (H&L) Antibody has been tested by ELISA, SDS-PAGE, dot blot, and western blot and is suitable for immunomicroscopy and flow cytometry or FACS analysis as well as other antibody based fluorescent assays requiring extremely low background levels, absence of F(c) mediated binding, lot-to-lot consistency, high titer and specificity. The maximum amount of reagent required to stain 1 x 10 <sup>6</sup> cells in flow cytometry is approximately 1.0 µg of antibody. Lesser amounts of reagent may be sufficient for staining. Optimal titers for other applications should be determined by the researcher. As a general guideline dilutions of 1:100 to 1:250 should be suitable for most applications.
<b>Isotype</b>	IgG F(ab') <sub>2</sub>

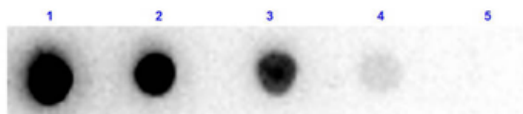
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<b>Clonality</b>	Polyclonal
<b>Antibody Type</b>	Secondary Antibody
<b>Purity</b>	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Mouse IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities, pepsin digestion and chromatographic separation. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum, Mouse IgG, Mouse IgG and Mouse Serum. No reaction was observed against anti-Pepsin, anti-Goat IgG F(c).
<b>Dilution Range</b>	ELISA: 1:20,000 - 1:100,000, IHC: 1:1,000 - 1:5,000, WB: 1:2,000 - 1:10,000
<b>Expiration Date</b>	12 months from date of receipt.



Dot Blot Results of F(ab')<sub>2</sub> Goat Anti-Mouse IgG Antibody.  
Mouse IgG [p/n orb2652749] (1) 100 ng, (2) 33.33 ng, (3) 11.11 ng, (4) 3.70 ng, (5) 1.23 ng. Primary Antibody: F(ab')<sub>2</sub> Goat Anti-Mouse IgG at 1.0 µg/ml for 1hr at RT. Secondary Antibody: Donkey Anti-Goat IgG HRP [p/n orb347032] at 1 µg/ml for 30 mins at RT. Block: BlockOut Buffer [p/n orb348644] at RT for 30 mins. Exposure: 1 sec.

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