

Product Datasheet

F(ab')₂ Mouse IgG (H&L) Antibody Pre-Adsorbed (orb348225)

Catalog Number	orb348225
Category	Antibodies
Description	F(ab') ₂ MOUSE IgG (H&L) antibody
Clonality	Polyclonal
Species/Host	Goat
Isotype	IgG F(ab') ₂
Conjugation	Unconjugated
Reactivity	Mouse
Form/Appearance	Liquid (sterile filtered)
Concentration	1.0 mg/mL
Buffer/Preservatives	Preservative: 0.01% (w/v) Sodium Azide. Stabilizer: None; 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 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 and Mouse Serum. No reaction was observed against anti-Pepsin, anti-Goat IgG F(c) or Human Serum Proteins.
Immunogen	Mouse IgG whole molecule

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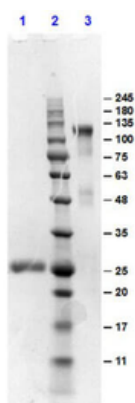
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Tested applications	ELISA, IHC, WB
Dilution range	ELISA: 1:20,000, IHC: 1:1,000 - 1:5,000, WB: 1:2,000 - 1:10,000
Application notes	F(ab') ₂ Anti-Mouse IgG Antibody has been tested by ELISA and SDS-PAGE and is suitable for immunomicroscopy and flow 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 ⁶ 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.
Antibody Type	Secondary Antibody
Storage	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.
Note	For research use only
Expiration Date	12 months from date of receipt.



SDS-PAGE results of Goat F(ab')₂ Anti-MOUSE IgG Antibody Min X human serum proteins. Lane 1: reduced Goat F(ab')₂ Anti-MOUSE IgG Min X human. Lane 2: Opal PreStained Molecular Weight Ladder. Lane 3: non-reduced Goat F(ab')₂ Anti-MOUSE IgG Min X human. Load: 1.0 µg. 4-20% SDS Gel, Coomassie Blue Stained.

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