

## Product Datasheet

# F(ab')<sub>2</sub> Mouse IgG (H&L) Antibody Peroxidase Conjugated Pre-Adsorbed (orb348254)

<b>Catalog Number</b>	orb348254
<b>Category</b>	Antibodies
<b>Description</b>	F(ab') <sub>2</sub> Mouse IgG (H&L) antibody (Peroxidase)
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Goat
<b>Isotype</b>	IgG F(ab') <sub>2</sub>
<b>Conjugation</b>	HRP
<b>Reactivity</b>	Mouse
<b>Form/Appearance</b>	Lyophilized
<b>Concentration</b>	1.0 mg/mL
<b>Buffer/Preservatives</b>	Preservative: 0.01% (w/v) Gentamicin Sulfate. Do NOT add 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 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-Peroxidase, anti-Goat Serum, Mouse IgG and Mouse Serum. No reaction was observed against anti-Pepsin, anti-Goat IgG F(c) or Bovine, Horse, Human, Rabbit, Rat and Sheep Serum Proteins.

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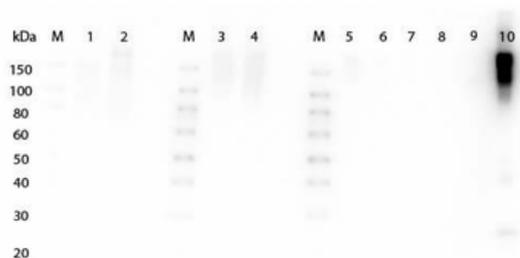
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<b>Immunogen</b>	Anti-Mouse IgG was produced by repeated immunization with Mouse IgG whole molecule in goat.
<b>Tested applications</b>	ELISA, IHC, WB
<b>Dilution range</b>	ELISA: 1:300:000, IHC: 1:500 - 1:2,500, WB: 1:1,000 - 1:10,000
<b>Application notes</b>	F(ab') <sub>2</sub> anti-Mouse IgG (H&L) peroxidase conjugated antibody has been tested by ELISA and western blot and is suitable for highly specific immunological methods requiring extremely low background levels, lot-to-lot consistency, high titer and specificity.
<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.



Western Blot of Goat anti-Fab2 Mouse IgG Antibody Peroxidase Conjugated Pre-Absorbed. Lane 1: Rabbit Serum. Lane 2: Rabbit Serum. Lane 3: Human Serum. Lane 4: Human Serum. Lane 5: Human IgG. Lane 6: Rat IgG. Lane 7: Bovine IgG. Lane 8: Horse IgG. Lane 9: Rabbit IgG. Lane 10: Mouse IgG. Load: Lane 1, 3 - 2 uL, Lane 2, 4 - 5 uL, Lanes 5 through 10 - 100 ng. Primary Antibody: none Secondary Antibody: Goat anti-Fab2 Mouse IgG Antibody Peroxidase Conjugated Pre-Absorbed at 1:5000 for 1 HR at RT. Block: orb348637 for 30 min at RT. Predicted/Observed size: 160 kDa for Mouse IgG.

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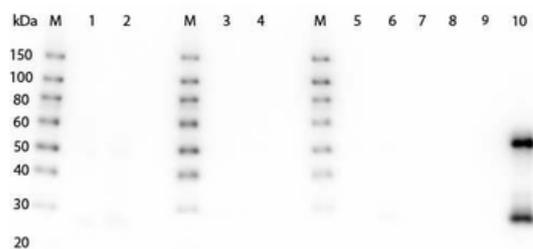
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Western Blot of Goat anti-Fab2 Mouse IgG Antibody Peroxidase Conjugated Pre-Absorbed. Lane 1: Rabbit Serum. Lane 2: Rabbit Serum. Lane 3: Human Serum. Lane 4: Human Serum. Lane 5: Human IgG. Lane 6: Rat IgG. Lane 7: Bovine IgG. Lane 8: Horse IgG. Lane 9: Rabbit IgG. Lane 10: Mouse IgG. Load: Lane 1, 3 - 2 uL, Lane 2, 4 - 5 uL, Lanes 5 through 10 - 100 ng. Primary Antibody: none Secondary Antibody: Goat anti-Fab2 Mouse IgG Antibody Peroxidase Conjugated Pre-Absorbed at 1:5000 for 1 HR at RT. Block: orb348637 for 30 min at RT. Predicted/Observed size: 55, 25 kDa for Mouse IgG.

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