

Product Datasheet

F(ab')₂ Mouse IgG (H&L) Antibody Peroxidase Conjugated (orb348250)

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| Catalog Number | orb348250 |
| Category | Antibodies |
| Description | F(ab') ₂ Mouse IgG (H&L) antibody (Peroxidase) |
| Clonality | Polyclonal |
| Species/Host | Goat |
| Isotype | IgG F(ab') ₂ |
| Conjugation | HRP |
| Reactivity | Mouse |
| Form/Appearance | Lyophilized |
| Concentration | 1.0 mg/mL |
| Buffer/Preservatives | 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 |
| 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-Peroxidase, anti-Goat Serum, Mouse IgG and Mouse Serum. No reaction was observed against anti-Pepsin or anti-Goat IgG F(c). |

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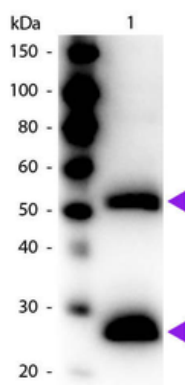
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| Immunogen | Mouse IgG whole molecule |
| Tested applications | ELISA, IHC, WB |
| Dilution range | ELISA: 1:10,000 - 1:50,000, IHC: 1:500 - 1:2,500, WB: 1:1,000 - 1:10,000 |
| Application notes | F(ab') ₂ Anti-Mouse IgG (H&L) Peroxidase Antibody has been tested by ELISA and western blot and is suitable for immunoblotting (western or dot blot), ELISA, immunoperoxidase electron microscopy and immunohistochemistry as well as other peroxidase-antibody based enzymatic assays requiring extremely low background levels, absence of F(c) mediated binding, lot-to-lot consistency, high titer and specificity. |
| Antibody Type | Secondary Antibody |
| 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. |



Western blot of Peroxidase conjugated Goat F(ab')₂ Anti-Mouse IgG secondary antibody. Lane 1: Mouse IgG. Lane 2: None. Load: 50 ng per lane. Primary antibody: None. Secondary antibody: Peroxidase goat secondary antibody at 1:1000 for 60 min at RT. Blocking: orb348637 for 30 min at RT. Observed/Predicted size: 25 & 55 kDa, 25 & 55 kDa for Mouse IgG. Other band(s): None.

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