

Product Datasheet

F(ab')₂ Mouse IgG Fc Antibody Peroxidase Conjugated Pre-Adsorbed (orb348252)

Description	F(ab') ₂ Mouse IgG F(c) antibody (Peroxidase)
Species/Host	Goat
Reactivity	Mouse
Conjugation	HRP
Tested Applications	ELISA, IHC, WB
Immunogen	Mouse IgG F(c) fragment
Preservatives	0.01% (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!
Form/Appearance	Lyophilized
Concentration	1.0 mg/mL
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
Application notes	F(ab') ₂ Anti-Mouse IgG F(c) Antibody has been tested by ELISA 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 conjugate. 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.

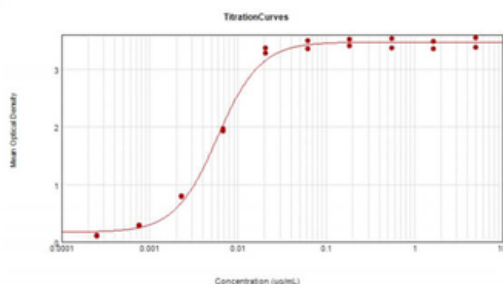
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Isotype	IgG F(ab') ₂
Clonality	Polyclonal
Antibody Type	Secondary Antibody
Purity	F(ab') ₂ Anti-Mouse IgG F(c) Antibody was prepared from monospecific antiserum by immunoaffinity chromatography using Mouse IgG coupled to agarose beads followed by solid 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, Mouse IgG F(c) and Mouse Serum. No reaction was observed against anti-Pepsin, anti-Goat IgG F(c), Mouse IgG F(ab) or Bovine, Horse, and Human Serum Proteins.
Dilution Range	ELISA: 1:100,000, IHC: 1:250 - 1:1000, WB: 1:500 - 1:2,000
Expiration Date	12 months from date of receipt.



ELISA Results of F(ab')₂ Goat Anti-Mouse IgG Fc Antibody Peroxidase Conjugated. Each well was coated in duplicate with 1.0 µg of Mouse IgG Fc (p/n orb346280). The working dilution is 171000. The starting dilution of antibody was 5 µg/ml and the X-axis represents the Log₁₀ of a 3-fold dilution. This titration is a 4-parameter curve fit where the IC₅₀ is defined as the titer of the antibody. Assay performed using 3% Fish Gel/PBS and TMB substrate (p/n orb348651).

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