

Product Datasheet

F(ab')₂ MOUSE IgM (mu chain) Antibody Peroxidase Conjugated (orb348251)

Catalog Number	orb348251
Category	Antibodies
Description	F(ab') ₂ MOUSE IgM (mu chain) 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 IgM 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 IgM and Mouse Serum. No reaction was observed against anti-Pepsin or anti-Goat IgG F(c). No reaction was observed against other mouse heavy or light chain proteins.

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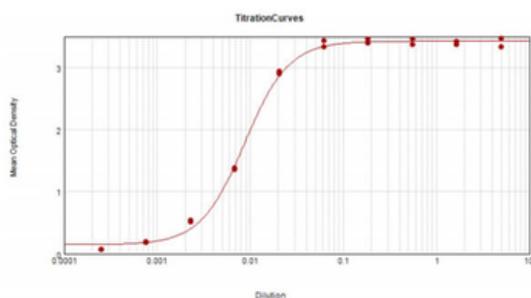
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Immunogen	Mouse IgM whole molecule
Tested applications	ELISA, IHC, WB
Dilution range	ELISA: 1:25,000 - 1:50,000, IHC: 1:500 - 1:2,500, WB: 1:2,000 - 1:10,000
Application notes	F(ab') ₂ Anti-Mouse IgM mu heavy chain peroxidase conjugated antibody has been tested by ELISA and is suitable for use in immunoelectrophoresis, western-blot, competitive western-blot, ELISA and competitive ELISA assays. Specific conditions for reactivity and signal detection should be optimized by the end user.
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



ELISA Results of F(ab')₂ Goat Anti-Mouse IgM Antibody Peroxidase Conjugated. Each well was coated in duplicate with 1.0 µg of Mouse IgM (p/n orb346283). The working dilution is 115000. 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 TMB substrate p/n orb348651.

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