

Product Datasheet

Horse IgG F(ab')₂ Antibody Peroxidase Conjugated (orb347163)

Catalog Number	orb347163
Category	Antibodies
Description	Horse IgG F(ab') ₂ antibody (Peroxidase)
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	HRP
Reactivity	Equine
Form/Appearance	Lyophilized
Concentration	1.5 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 Horse IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Rabbit Serum, Horse IgG, Horse IgG F(ab') ₂ and Horse Serum. No reaction was observed against Horse IgG F(c).
Immunogen	Horse IgG F(ab') ₂ fragment

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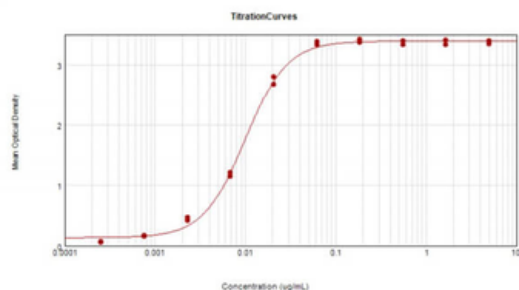
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Tested applications	ELISA, IHC, WB
Dilution range	ELISA: 1:10,000 - 1:50,000, IHC: 1:500 - 1:2,500, WB: 1:1,000 - 1:5,000
Application notes	Anti-Horse IgG F(ab') ₂ Peroxidase conjugate has been tested by ELISA and is suitable for immunoblotting (western or dot blot), ELISA, immunoelectron microscopy and immunohistochemistry as well as other antibody-based enzymatic assays requiring lot-to-lot consistency.
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.



ELISA Results of Purified Rabbit Anti-Horse IgG F(ab')₂ Antibody Peroxidase Conjugated tested against purified Horse IgG F(ab')₂. Each well was coated in duplicate with 10 µg of Horse IgG F(ab')₂ (p/n orb346178). 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 Blocking buffer, Horse IgG F(ab')₂ HRP conjugated, and TMB substrate (p/n orb348651).

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