

Product Datasheet

Bovine IgG F(ab')₂ Antibody Peroxidase Conjugated (orb346829)

Catalog Number	orb346829
Category	Antibodies
Description	Bovine IgG F(ab') ₂ antibody (Peroxidase)
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	HRP
Reactivity	Bovine
Form/Appearance	Lyophilized
Concentration	2.0 mg/mL
Buffer/Preservatives	0.01% (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!
Purity	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Bovine 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, Bovine IgG, Bovine IgG F(ab') ₂ and Bovine Serum. No reaction was observed against Bovine IgG F(c).
Immunogen	Bovine IgG F(ab') ₂ fragment
Tested applications	ELISA, IHC, WB
Dilution range	ELISA: 1:40,000 - 1:80,000, IHC: 1:500 - 1:2,500, WB: 1:1,000 - 1:10,000

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Application notes

Anti-Bovine IgG F(ab')₂ Peroxidase Conjugated Antibody has been tested by ELISA. This product has been assayed against 1.0 µg of Bovine IgG in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:1,000 to 1:5,000 of the reconstitution concentration is suggested for this product.

Antibody Type

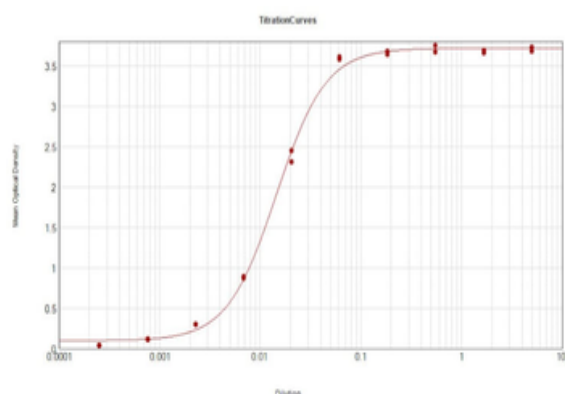
Secondary Antibody

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 Purified Rabbit Anti-Bovine IgG F(ab')₂ Antibody Peroxidase Conjugated tested against purified Bovine IgG F(ab')₂ HRP. Each well was coated in duplicate with 1.0 µg of Bovine IgG F(ab')₂ (p/n orb2652778). The working dilution is 1:69000. 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 HRP Conjugate stabilizer and TMB substrate (p/n orb348651).

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