

Product Datasheet

Rabbit anti-Bovine IgG F(ab')₂ Secondary Antibody [HRP] NBP1-73497

Unit Size: 2 mg

Store lyophilized antibody at 4C in the dark. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.

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NBP1-73497Rabbit anti-Bovine IgG F(ab')₂ Secondary Antibody [HRP]

Product Information	
Unit Size	2 mg
Concentration	LYOPH mg/ml
Storage	Store lyophilized antibody at 4C in the dark. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Gentamicin Sulfate
Reconstitution Instructions	Reconstitute with 1.0 ml deionized water (or equivalent).
Isotype	IgG
Conjugate	HRP
Purity	Multi-step
Buffer	Lyophilized from 0.01 M Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 10 mg/ml Polyethylene Glycol (PEG-8000)

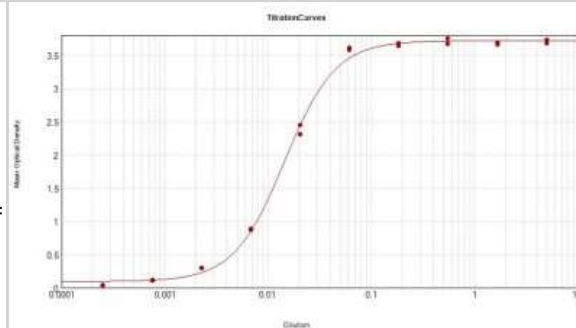
Product Description	
Description	Store vial at 4C prior to restoration. For extended storage aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use. 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
Host	Rabbit
Species	Bovine
Specificity/Sensitivity	No reaction was observed against Bovine IgG F(c).
Immunogen	Bovine IgG F(ab') ₂ fragment

Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
Recommended Dilutions	Western Blot 1:1000 - 1:10000, ELISA 1:40000 - 1:80000, Immunohistochemistry 1:500 - 1:2500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:20-1:50, Knockdown Validated
Application Notes	This product has been tested by ELISA. This product has been assayed against 1.0 ug of Bovine IgG in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) 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. NOTE: Do NOT add Sodium Azide (it inhibits HRP irreversibly).



Images

ELISA: Rabbit anti-Bovine IgG F(ab')₂ Secondary Antibody [HRP] [NBP1-73497] - ELISA Results of Purified Rabbit anti-Bovine IgG F(ab')₂ Secondary antibody [HRP] tested against purified Bovine IgG F(ab')₂ HRP. Each well was coated in duplicate with 1.0 ug of Bovine IgG F(ab')₂. The working dilution is 1:69,000. The starting dilution of antibody was 5ug/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.





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NBP1-96816	Donkey IgG F(ab') ₂ Isotype Control [Biotin]
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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Secondary Antibodies are guaranteed for 1 year from date of receipt.

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