

Product Datasheet

Rabbit anti-Bovine IgG F(ab')₂ Secondary Antibody [Alkaline Phosphatase] NBP1-72612

Unit Size: 1 mg

Store at 4C. Do not freeze.

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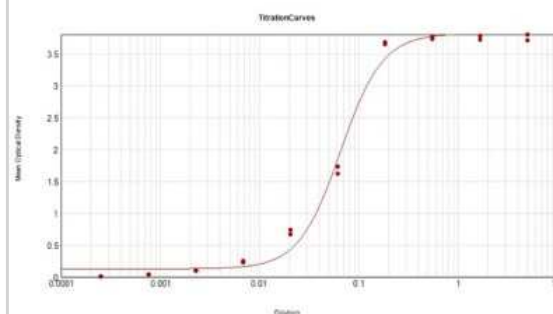
NBP1-72612Rabbit anti-Bovine IgG F(ab')₂ Secondary Antibody [Alkaline Phosphatase]

Product Information	
Unit Size	1 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Isotype	IgG
Conjugate	Alkaline Phosphatase
Purity	Multi-step
Buffer	0.05 M Tris Chloride, 0.15M Sodium Chloride, 0.001M Magnesium Chloride, 0.0001M Zinc Chloride, 50% (v/v) Glycerol; pH 8.0, 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
Product Description	
Description	Store vial at 4C before opening. DO NOT FREEZE. This product is stable at 4C as an undiluted liquid. Dilute only prior to immediate use. Freezing alkaline phosphatase conjugates will result in a substantial loss of enzymatic activity. 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-Alkaline Phosphatase (calf intestine), 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, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500 - 1:2500, ELISA 1:10000 - 1:20000, Immunohistochemistry 1:200 - 1:1000
Application Notes	This product has been tested by ELISA and dot blot. This product has been assayed against 1.0 ug of Bovine IgG in a standard capture ELISA using pNPP p-nitrophenyl phosphate as a substrate for 30 minutes at room temperature. A working dilution of 1:1,600 to 1:11,000 of the reconstitution concentration is suggested for this product.



Images

ELISA: Rabbit anti-Bovine IgG F(ab')₂ Secondary Antibody [Alkaline Phosphatase] [NBP1-72612] - ELISA Results of Purified Rabbit anti-Bovine IgG F(ab')₂ Secondary antibody [Alkaline Phosphatase] tested against purified Bovine IgG F(ab')₂ Alk Phos. Each well was coated in duplicate with 1.0 ug of Bovine IgG F(ab')₂. The working dilution is 1:15,200. 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 Alkaline Phosphatase ELISA Substrate and NPP Working Buffer.





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Products Related to NBP1-72612

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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