

Product Datasheet

Bovine IgG Fc Antibody Alkaline Phosphatase Conjugated (orb346831)

Catalog Number	orb346831
Category	Antibodies
Description	Bovine IgG F(c) antibody (Alkaline Phosphatase)
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	AP
Reactivity	Bovine
Form/Appearance	Liquid (sterile filtered)
Concentration	1.0 mg/mL
Buffer/Preservatives	Preservative: 0.09% (w/v) Sodium Azide. Stabilizer: 10 mg/ml Polyethylene Glycol (PEG-8000); 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
Purity	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Bovine IgG coupled to agarose beads. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Alkaline Phosphatase (calf intestine), anti-Rabbit Serum, Bovine IgG, Bovine Serum and Bovine F(c) and no reaction against Bovine F(ab)2.
Immunogen	Bovine IgG whole molecule
Tested applications	ELISA, IHC, WB

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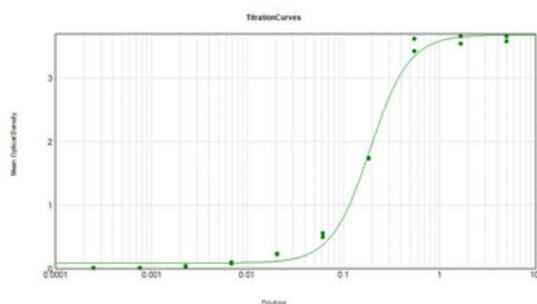
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Dilution range	ELISA: 1:2,000 - 1:10,000, IHC: 1:200 - 1:1,000, WB: 1:500 - 1:2,500
Application notes	Anti-Bovine F(c) Alkaline Phosphatase Conjugate has been tested by ELISA. This product has been assayed against 1.0 ug of Bovine IgG in a standard capture ELISA using pNPP p-nitrophenyl phosphate as a substrate for 30 minutes at room temperature. A working dilution of 1:500 to 1:2,500 of the reconstitution concentration is suggested for this product.
Antibody Type	Secondary Antibody
Storage	Store vial at 4° C before opening. DO NOT FREEZE. This product is stable at 4° C as an undiluted liquid. Dilute only prior to immediate use. Freezing alkaline phosphatase conjugates will result in a substantial loss of enzymatic activity.
Note	For research use only
Expiration Date	12 months from date of receipt.



ELISA Results of Purified Rabbit Anti-Bovine IgG F(c) Antibody Alkaline Phosphatase Conjugated tested against purified Bovine IgG F(c) Alk Phos. Each well was coated in duplicate with 1.0 µg of Bovine IgG F(c) (p/n orb345990). The working dilution is 1:5300. 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 Alkaline Phosphatase Substrate Buffer and NPP Working Buffer.

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