

Product Datasheet

Human IgG Fc Antibody Alkaline Phosphatase Conjugated Pre-Adsorbed (orb347194)

Description	Human IgG F(c) antibody (Alkaline Phosphatase)
Species/Host	Goat
Reactivity	Human
Conjugation	AP
Tested Applications	ELISA, IHC, WB
Immunogen	Human IgG F(c) fragment
Preservatives	0.01% (w/v) Sodium Azide
Form/Appearance	Liquid (sterile filtered)
Concentration	1.0 mg/mL
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
Application notes	Anti-Human IgG F(c) Alkaline Phosphatase 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.
Isotype	IgG
Clonality	Polyclonal
Antibody Type	Secondary Antibody

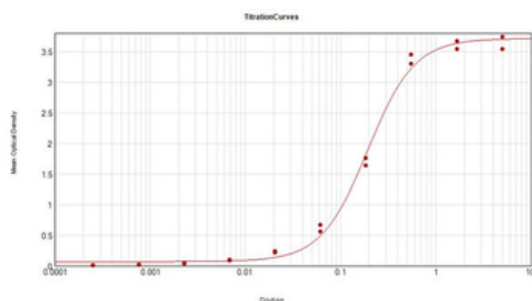
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Purity	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Human IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Alkaline Phosphatase, anti-Goat Serum, Human IgG, Human IgG F(c) and Human Serum. No reaction was observed against Human IgG F(ab) or Mouse Serum Proteins. Specificity was confirmed by ELISA minimal cross reactivity against Mouse IgG.
Dilution Range	ELISA: 1:1,000 - 1:5,000, IHC: 1:200 - 1:1,000, WB: 1:500 - 1:2,000
Expiration Date	12 months from date of receipt.



ELISA Results of purified Goat Anti-Human IgG F(c) Antibody Alkaline Phosphatase Conjugated (Min X Mouse serum Proteins) tested against purified Human IgG F(c) Alk Phos. Each well was coated in duplicate with 1.0 µg of Human IgG F(c) (p/n orb346220). The working dilution is 1:5200. 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 ELISA Alkaline Phosphatase Substrate Buffer, NPP Working Buffer.

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