

## Product Datasheet

# Human IgG Fc Antibody Alkaline Phosphatase Conjugated (orb347233)

<b>Description</b>	Human IgG F(c) antibody (Alkaline Phosphatase)
<b>Species/Host</b>	Goat
<b>Reactivity</b>	Human
<b>Conjugation</b>	AP
<b>Tested Applications</b>	ELISA, IHC, WB
<b>Immunogen</b>	Human IgG F(c) fragment
<b>Preservatives</b>	0.1% (w/v) Sodium Azide
<b>Form/Appearance</b>	Liquid (sterile filtered)
<b>Concentration</b>	1.0 mg/mL
<b>Storage</b>	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.
<b>Note</b>	For research use only
<b>Application notes</b>	Anti-Human IgG F(c) Alkaline Phosphatase Conjugated 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.
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal

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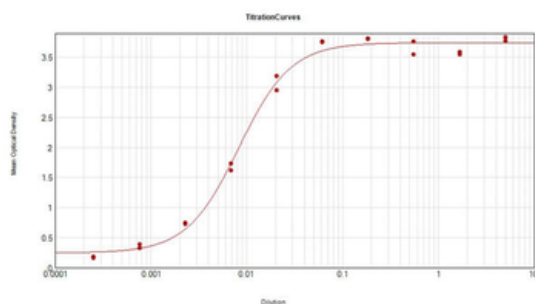
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<b>Purity</b>	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Human IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Alkaline Phosphatase (calf intestine), anti-Goat Serum, Human IgG, Human IgG F(c) and Human Serum. No reaction was observed against Human IgG F(ab).
<b>Dilution Range</b>	ELISA: 1:10,000 - 1:40,000, IHC: 1:200 - 1:1,000, WB: 1:1,000 - 1:5,000
<b>Expiration Date</b>	12 months from date of receipt.



ELISA Results of purified Goat Anti-Human IgG F(c) Antibody Alkaline Phosphatase Conjugated tested against purified Human IgG F(c) Alk Phos. Each well was coated in duplicate with 1.0  $\mu$ g of Human IgG F(c) (p/n orb346220). The working dilution is 1:121000. The starting dilution of antibody was 5  $\mu$ g/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 Conjugate Buffer, NPP Working Buffer, and TMB substrate (p/n orb348651).

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