

Product Datasheet

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

Catalog Number	orb347194
Category	Antibodies
Description	Human IgG F(c) antibody (Alkaline Phosphatase)
Clonality	Polyclonal
Species/Host	Goat
Isotype	IgG
Conjugation	AP
Reactivity	Human
Form/Appearance	Liquid (sterile filtered)
Concentration	1.0 mg/mL
Buffer/Preservatives	0.01% (w/v) Sodium Azide
Purity	<p>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.</p>
Immunogen	Human IgG F(c) fragment
Tested applications	ELISA, IHC, WB

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

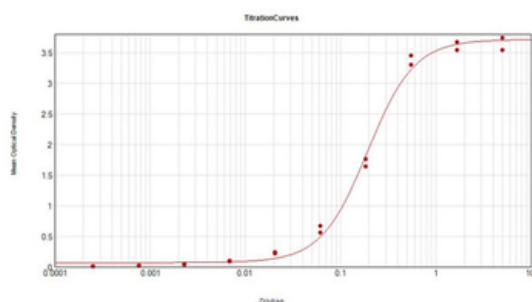
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713
United States

Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Dilution range	ELISA: 1:1,000 - 1:5,000, IHC: 1:200 - 1:1,000, WB: 1:500 - 1:2,000
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.
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



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.

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713
United States

Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)