

Product Datasheet

Human IgG Fc Antibody Alkaline Phosphatase Conjugated (orb347233)

Catalog Number orb347233

Category Antibodies

Description Human IgG F(c) antibody (Alkaline Phosphatase)

Clonality Polyclonal

Species/Host Goat

Isotype lgG

Conjugation AP

Reactivity Human

Form/Appearance Liquid (sterile filtered)

Concentration 1.0 mg/mL

Buffer/Preservatives 0.1% (w/v) Sodium Azide

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 (calf intestine), anti-Goat Serum, Human IgG, Human IgG F(c) and

Human Serum. No reaction was observed against Human IgG F(ab).

Immunogen Human IgG F(c) fragment

Tested applications ELISA, IHC, WB

Dilution range ELISA: 1:10,000 - 1:40,000, IHC: 1:200 - 1:1,000, WB: 1:1,000 - 1:5,000

Biorbyt Ltd.

7 Signet Court, Swann Road

Cambridge CB5 8LA United Kingdom

Email: <u>info@biorbyt.com</u>, <u>support@biorbyt.com</u>

Phone: +44 (0)1223 859353 | Fax: +1 (415) 651-8558

Biorbyt LLC

68 TW Alexander Drive Research Triangle Park

Durham NC 27713 United States

Email: <u>info@biorbyt.com</u>, <u>support@biorbyt.com</u> Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558



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Application notes

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.

Antibody Type

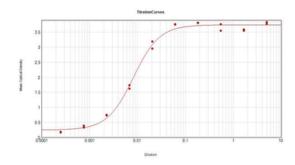
Secondary Antibody

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 tested against purified Human IgG F(c) Alk Phos. Each well was coated in duplicate with 1.0 μ g of Human IgG F(c) (p/n orb346220). The working dilution is 1:121000. The starting dilution of antibody was 5 μ 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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