

Product Datasheet

Chicken IgG F(ab')₂ Antibody Alkaline Phosphatase Conjugated (orb346918)

Catalog Number	orb346918
Description	Chicken IgG F(ab') ₂ antibody (Alkaline Phosphatase)
Species/Host	Rabbit
Reactivity	Gallus
Conjugation	AP
Tested Applications	DOT, ELISA, IHC, WB
Immunogen	Chicken IgG F(ab') ₂ 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-Chicken IgG F(ab') ₂ Alkaline Phosphatase antibody has been tested by ELISA and dot blot 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

Biorbyt Ltd.

7 Signet Court, Swann's Road,
Cambridge, CB5 8LA, United Kingdom
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\) 1223 859-353](tel:+44201223859353) | Fax: [+1 \(415\) 651-8558](tel:+14156518558)

Biorbyt LLC.

68 TW Alexander Drive,
Durham, NC, 27713, United States
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+14159065211) | Fax: [+1 \(415\) 651-8558](tel:+14156518558)

Antibody Type

Secondary Antibody

Purity

This product was prepared from monospecific antiserum by immunoaffinity chromatography using Chicken 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-Rabbit Serum, Chicken IgG, Chicken IgG F(ab')₂ and Chicken Serum. No reaction was observed against Chicken IgG F(c).

Dilution Range

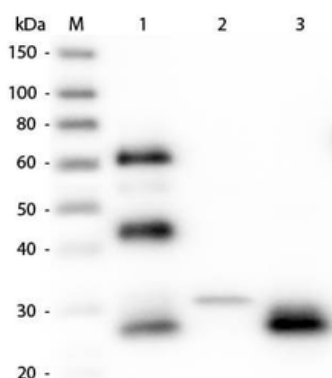
ELISA: 1:3,500, IHC: 1:200 - 1:1,000, WB: 1:500 - 1:2,500

Expiration Date

12 months from date of receipt.



Dot Blot of Rabbit anti-Chicken IgG F(ab')₂ Antibody Alkaline Phosphatase Conjugated. Antigen: Chicken IgG (p/n orb2652774). Load: Lane 1 - 200 ng Lane 2 - 66.7 ng Lane 3 - 22.2 ng Lane 4 - 7.41 ng Lane 5 - 2.47 ng. Primary antibody: n/a. Secondary antibody: Rabbit anti-Chicken IgG/IgY F(ab')₂ Antibody Alkaline Phosphatase Conjugated at 1:1000 for 1 hr at RT. Block: orb348637 for 1 hr at RT.



Western Blot of Unconjugated Anti-Chicken IgG F(ab')₂ (RABBIT) Antibody (p/n orb346907). Lane M: 3 µl Molecular Ladder. Lane 1: Chicken IgG whole molecule (p/n orb2652774). Lane 2: Chicken IgG F(c) Fragment (p/n orb346051). Lane 3: Chicken IgG F(ab) Fragment (p/n orb2652771). All samples were reduced. Load: 50 ng per lane. Block: orb348637 for 30 min at RT. Primary Antibody: Anti-Chicken IgG F(ab')₂ (RABBIT) Antibody (p/n orb346907) 1:5000 for 60 min at RT. Secondary antibody: Anti-Rabbit IgG (GOAT) Peroxidase Conjugated Antibody (p/n orb347654) 1:40000 in orb348637 for 30 min at RT. Predicted/Observed Size: 25 and 72 kDa for Chicken IgY, 25 kDa for F(c) and F(ab). Chicken F(c) migrates slightly higher.

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