

Product Datasheet

Armenian Hamster IgG (H&L) Secondary Antibody Alkaline Phosphatase Conjugated (orb348065)

Catalog Number	orb348065
Category	Antibodies
Description	Armenian Hamster IgG (H&L) antibody (Alkaline Phosphatase)
Clonality	Polyclonal
Species/Host	Goat
Isotype	IgG
Conjugation	AP
Reactivity	Hamster
Form/Appearance	Liquid (sterile filtered)
Concentration	1.0 mg/mL
Buffer/Preservatives	Preservative: 0.1% (w/v) Sodium Azide. Stabilizer: 10 mg/mL Bovine Serum Albumin (rAlbumin) - Immunoglobulin and Protease free; Buffer: 0.05 M Tris Chloride, 0.15M Sodium Chloride, 0.001M Magnesium Chloride, 0.0001M Zinc Chloride, 50% (v/v) Glycerol; pH 8.0
Purity	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Armenian Hamster IgG coupled to agarose. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Alkaline Phosphatase (calf intestine), anti-Goat Serum, Armenian Hamster and Armenian Hamster Serum. Diminished reactivity will occur with Golden Syrian Hamster IgG.
Immunogen	Armenian Hamster IgG whole molecule

Biorbyt Ltd.

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

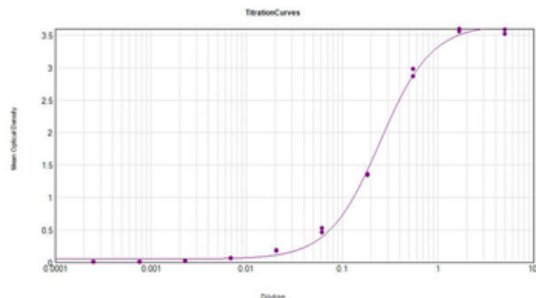
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713-2847
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)

Tested applications	DOT, ELISA, IHC, WB
Dilution range	ELISA: 1:20,000 - 1:40,000, IHC: 1:200 - 1:1,000, WB: 1:500 - 1:2,500
Application notes	Hamster Secondary Antibody conjugated to alkaline phosphatase is available in a variety of formats. Anti-Armenian Hamster IgG Alkaline Phosphatase Antibody has been tested by ELISA and dot blot and is suitable for western blot, ELISA and immunohistochemistry as well as other antibody based 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
Expiration Date	12 months from date of receipt.



ELISA Results of Goat Anti-Armenian Hamster IgG Antibody Alkaline Phosphatase Conjugate tested against purified Armenian Hamster IgG Alk Phos. Each well was coated in duplicate with 1.0 µg of Armenian Hamster IgG (p/n orb346446). The working dilution is 1:4000. 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 and NPP Working Buffer.

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