

Product Datasheet

Guinea Pig IgG Fc Antibody Alkaline Phosphatase Conjugated (orb347088)

Catalog Number	orb347088
Category	Antibodies
Description	Guinea Pig IgG F(c) antibody (Alkaline Phosphatase)
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	AP
Reactivity	Guinea pig
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 Guinea Pig IgG coupled to agarose beads. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Alkaline Phosphatase (calf intestine), anti-Rabbit Serum, Guinea Pig IgG, Guinea Pig IgG F(c) and Guinea Pig Serum. No reaction was observed against Guinea Pig IgG F(ab').
Immunogen	Guinea Pig IgG F(c) fragment

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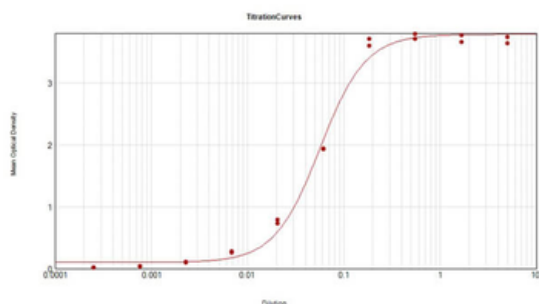
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Tested applications	DOT, ELISA, IHC, WB
Dilution range	ELISA: 1:5,000 - 1:15,000, IHC: 1:200 - 1:1,000, WB: 1:500 - 1:2,500
Application notes	Anti-Guinea Pig IgG F(c) Alkaline Phosphatase conjugate has been tested by ELISA and dot blot and is suitable for immunoblotting (western or dot blot), ELISA, immunoelectron microscopy and immunohistochemistry as well as other antibody-based enzymatic assays requiring lot-to-lot consistency.
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 Rabbit Anti-Guinea Pig IgG F(c) Antibody Alkaline Phosphatase Conjugated tested against purified Guinea Pig IgG F(c) Alk Phos. Each well was coated in duplicate with 1.0 µg of Guinea Pig IgG F(c) (p/n orb346135). The working dilution is 1:18000. 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 Alkaline Phosphatase ELISA Substrate Buffer and NPP Working Buffer.

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