

Product Datasheet

F(ab')₂ Human IgG (H&L) Antibody Alkaline Phosphatase Conjugated Pre-Adsorbed (orb348217)

Catalog Number	orb348217
Category	Antibodies
Description	F(ab') ₂ Human IgG (H&L) antibody (Alkaline Phosphatase)
Clonality	Polyclonal
Species/Host	Donkey
Isotype	IgG F(ab') ₂
Conjugation	AP
Reactivity	Human
Form/Appearance	Liquid (sterile filtered)
Concentration	1.0 mg/mL
Buffer/Preservatives	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 Human IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities, pepsin digestion and chromatographic separation. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Alkaline Phosphatase, anti-Donkey Serum, Human IgG and Human Serum. No reaction was observed against anti-Pepsin, anti-Donkey IgG F(c) or Bovine, Chicken, Goat, Guinea Pig, Hamster, Horse, Mouse, Rabbit, Rat, and Sheep Serum Proteins.

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Immunogen	Human IgG whole molecule
Tested applications	ELISA, IHC, WB
Dilution range	ELISA: 1:2,000 - 1:10,000, IHC: 1:100-1:1,000, WB: 1:500-1:2,500
Application notes	F(ab') ₂ Anti-Human IgG (H&L) Alkaline Phosphatase Antibody has been tested by ELISA and is suitable for immunomicroscopy and flow cytometry or FACS analysis as well as other antibody based fluorescent assays requiring lot-to-lot consistency. This product has been assayed against 1.0 µg of Human IgG in a standard capture ELISA using pNPP p-nitrophenyl phosphate as a substrate for 30 minutes at room temperature. A working dilution of 1:4,000 to 1:20,000 of the reconstitution concentration is suggested for this product.
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

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