

## Product Datasheet

# Human IgG (H&L) Antibody Alkaline Phosphatase Conjugated Pre-Adsorbed (orb347338)

<b>Catalog Number</b>	orb347338
<b>Category</b>	Antibodies
<b>Description</b>	Human IgG (H&L) antibody (Alkaline Phosphatase)
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Donkey
<b>Isotype</b>	IgG
<b>Conjugation</b>	AP
<b>Reactivity</b>	Human
<b>Form/Appearance</b>	Liquid (sterile filtered)
<b>Concentration</b>	1.0 mg/mL
<b>Buffer/Preservatives</b>	Preservative: 0.01% (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
<b>Purity</b>	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-Donkey Serum, Human IgG and Human Serum. No reaction was observed against Bovine, Chicken, Goat, Guinea Pig, Hamster, Horse, Mouse, Rabbit, Rat and Sheep Serum Proteins.

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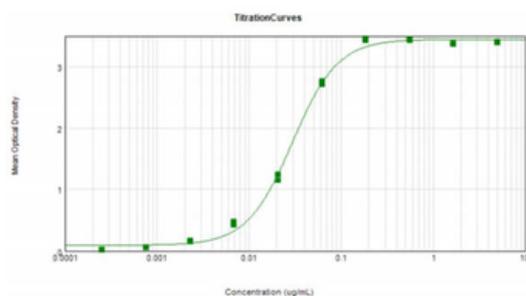
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<b>Immunogen</b>	Human IgG whole molecule
<b>Tested applications</b>	ELISA, IHC, WB
<b>Dilution range</b>	ELISA: 1:2,000 - 1:10,000, IHC: 1:200 - 1:1,000, WB: 1:500 - 1:2,500
<b>Application notes</b>	Anti-Human IgG Alkaline Phosphatase conjugate has 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.
<b>Antibody Type</b>	Secondary Antibody
<b>Storage</b>	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.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.



ELISA results of Purified Donkey Anti-Human IgG MinX10 Antibody Alkaline Phosphatase Conjugated tested against purified Human IgG mx10. Each well was coated in duplicate with 10 µg of Human IgG (p/n orb346219). The working dilution of Anti-Human IgG mx10 Alkaline Phosphatase Antibody is 1:34000. 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 3% Fish Gel Blocking buffer and NPP Substrate.

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