

Product Datasheet

F(ab')₂ Sheep IgG (H&L) Antibody Alkaline Phosphatase Conjugated Pre-Adsorbed (orb348390)

Description	F(ab') ₂ Sheep IgG (H&L) antibody (Alkaline Phosphatase)
Species/Host	Donkey
Reactivity	Sheep
Conjugation	AP
Tested Applications	ELISA, IHC, WB
Immunogen	Sheep IgG whole molecule
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
Form/Appearance	Liquid (sterile filtered)
Concentration	0.5 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	F(ab') ₂ Anti-Sheep IgG Alkaline Phosphatase Antibody has been tested by ELISA and is assayed against 1.0 µg of Sheep IgG in a standard capture ELISA using pNPP p-nitrophenyl phosphate code # NPP-10 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.
Isotype	IgG F(ab') ₂

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Clonality	Polyclonal
Purity	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Sheep 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, Sheep IgG and Sheep Serum. No reaction was observed against anti-Pepsin, anti-Donkey IgG F(c), or Chicken, Guinea Pig, Hamster, Horse, Human, Mouse, Rabbit and Rat Serum Proteins.
Dilution Range	ELISA: 1:2,000 - 1:10,000, IHC: 1:200-1:1,000, WB: 1:500-1:2,500
Expiration Date	12 months from date of receipt.

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