

Product Datasheet

F(ab')₂ Mouse IgG (H&L) Antibody Alkaline Phosphatase Conjugated Pre-Adsorbed (orb348234)

Description	F(ab') ₂ Mouse IgG (H&L) antibody (Alkaline Phosphatase)
Species/Host	Goat
Reactivity	Mouse
Conjugation	AP
Tested Applications	DOT, ELISA, IHC, WB
Immunogen	Mouse IgG whole molecule
Preservatives	0.01% (w/v) Sodium Azide
Form/Appearance	Liquid (sterile filtered)
Concentration	1.0 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-Mouse IgG (H&L) Alkaline Phosphatase Antibody has been tested by ELISA and dot blot 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 Mouse 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

Biorbyt Ltd.

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Clonality	Polyclonal
Purity	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Mouse 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-Goat Serum, Mouse IgG and Mouse Serum. No reaction was observed against anti-Pepsin, anti-Goat IgG F(c) or Human Serum Proteins.
Dilution Range	ELISA: 1:20,000, IHC: 1:100-1:500, WB: 1:200-1:1,000
Expiration Date	12 months from date of receipt.

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