

## Product Datasheet

# F(ab')<sub>2</sub> Rat IgG (H&L) Antibody Alkaline Phosphatase Conjugated Pre-Adsorbed (orb348346)

<b>Description</b>	F(ab') <sub>2</sub> Rat IgG (H&L) antibody (Alkaline Phosphatase)
<b>Species/Host</b>	Goat
<b>Reactivity</b>	Rat
<b>Conjugation</b>	AP
<b>Tested Applications</b>	ELISA, IHC, WB
<b>Immunogen</b>	Rat IgG whole molecule
<b>Preservatives</b>	0.01% (w/v) Sodium Azide
<b>Form/Appearance</b>	Liquid (sterile filtered)
<b>Concentration</b>	0.5 mg/mL
<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>Application notes</b>	F(ab') <sub>2</sub> Anti-Rat IgG Antibody has been assayed against 1.0 ug of Rat 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 1:1,000 to 1:5,000 of the reconstitution concentration is suggested for F(ab') <sub>2</sub> Anti-Rat IgG Antibody.
<b>Isotype</b>	IgG F(ab') <sub>2</sub>
<b>Clonality</b>	Polyclonal

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

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