

## Product Datasheet

# F(ab')<sub>2</sub> Rabbit IgG (H&L) Antibody Peroxidase Conjugated Pre-Adsorbed (orb348308)

<b>Description</b>	F(ab') <sub>2</sub> Rabbit IgG (H&L) antibody (Peroxidase)
<b>Species/Host</b>	Goat
<b>Reactivity</b>	Rabbit
<b>Conjugation</b>	HRP
<b>Tested Applications</b>	ELISA, IHC, WB
<b>Immunogen</b>	Anti-Rabbit IgG was produced by repeated immunization with Rabbit IgG whole molecule in goat.
<b>Preservatives</b>	0.01% (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!
<b>Form/Appearance</b>	Lyophilized
<b>Concentration</b>	1.0 mg/mL
<b>Storage</b>	Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
<b>Note</b>	For research use only

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**Application notes**

F(ab')<sub>2</sub> Rabbit IgG Peroxidase Conjugated 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 extremely low background levels, absence of F(c) mediated binding, lot-to-lot consistency, high titer and specificity. The maximum amount of reagent required to stain 1 x 10<sup>6</sup> cells in flow cytometry is approximately 1.0 µg of antibody conjugate. Lesser amounts of reagent may be sufficient for staining. Optimal titers for other applications should be determined by the researcher. As a general guideline dilutions of 1:100 to 1:500 should be suitable for most applications.

**Isotype**IgG F(ab')<sub>2</sub>**Clonality**

Polyclonal

**Purity**

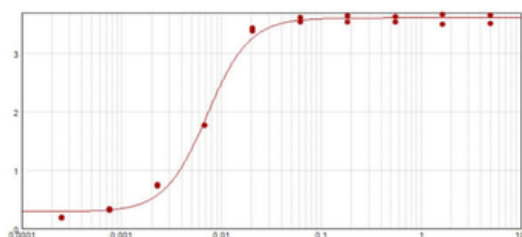
This product was prepared from monospecific antiserum by immunoaffinity chromatography using Rabbit IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities, pepsin digestion and chromatographic separation. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Goat Serum, Rabbit IgG and Rabbit Serum. No reaction was observed against anti-Pepsin, anti-Goat IgG F(c) or Bovine, Chicken, Goat, Guinea Pig, Hamster, Horse, Human, Mouse, Rat and Sheep Serum Proteins.

**Dilution Range**

ELISA: 1:115,000, IHC: 1:500 - 1:2,500, WB: 1:2,000 - 1:10,000

**Expiration Date**

12 months from date of receipt.



ELISA results of purified Goat F(ab')<sub>2</sub> Anti-Rabbit IgG Antibody Peroxidase Conjugated Min X Bv Ch Gt GP Ham Hs Hu Ms Rt & Sh Serum Proteins tested against purified Rabbit IgG. Each well was coated in duplicate with 1.0 µg of Rabbit IgG. The starting dilution of antibody was 5 µg/ml and the X-axis represents the Log<sub>10</sub> of a 3-fold dilution. This titration is a 4-parameter curve fit where the IC<sub>50</sub> is defined as the titer of the antibody. Assay performed using Blocking buffer and TMB substrate (p/n orb348651).

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