

## Product Datasheet

# Rabbit IgG F(ab')<sub>2</sub> Antibody Peroxidase Conjugated Pre-Adsorbed (orb347680)

<b>Description</b>	Rabbit IgG F(ab') <sub>2</sub> 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 F(ab') <sub>2</sub> fragment was produced by repeated immunization with Rabbit IgG F(ab') <sub>2</sub> fragment in goat.
<b>Preservatives</b>	0.01% (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!
<b>Form/Appearance</b>	Lyophilized
<b>Concentration</b>	2.0 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
<b>Application notes</b>	Anti-Rabbit IgG F(ab') <sub>2</sub> fragment has been tested by ELISA and is suitable for use in immunoelectrophoresis, western-blot, competitive western-blot, ELISA and competitive ELISA assays. Specific conditions for reactivity and signal detection should be optimized by the end user.
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal

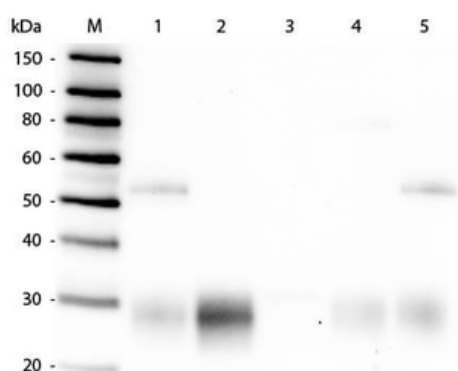
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<b>Purity</b>	Anti-RABBIT IgG F(ab') <sub>2</sub> (GOAT) Antibody was prepared from monospecific antiserum by immunoaffinity chromatography using Rabbit IgG coupled to agarose. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Goat Serum, Rabbit IgG, Rabbit IgG F(ab') <sub>2</sub> and Rabbit Serum. No reaction was observed against Rabbit IgG F(c) or Human Serum Proteins.
<b>Dilution Range</b>	ELISA: 1:130,000, IHC: 1:1,000 - 1:10,000, WB: 1:2,000 - 1:20,000
<b>Expiration Date</b>	12 months from date of receipt.



Western Blot of Anti-Rabbit IgG F(ab')<sub>2</sub> (GOAT) Antibody (p/n orb535108). Lane M: 3  $\mu$ l Molecular Ladder. Lane 1: Rabbit IgG whole molecule (p/n orb2652747). Lane 2: Rabbit IgG F(ab) Fragment (p/n orb2652745). Lane 3: Rabbit IgG F(c) Fragment (p/n orb346280). Lane 4: Rabbit IgM Whole Molecule (p/n orb346313). Lane 5: Normal Rabbit Serum. All samples were reduced. Load: 50 ng per lane. Block: orb348637 for 30 min at RT. Primary Antibody: Anti-Rabbit IgG F(ab')<sub>2</sub> (GOAT) Antibody (p/n orb535108) 1:10000 for 60 min at RT. Secondary antibody: Anti-Goat IgG (DONKEY) Peroxidase Conjugated Antibody 1:40000 in orb348637 for 30 min at RT. Predicted/Observed Size: 25 and 50 kDa for Rabbit IgG and Serum, 25 kDa for F(c) and F(ab), 70 and 23 kDa for IgM. Rabbit F(c) migrates slightly higher.

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