

## Product Datasheet

# Rabbit IgG Fc Antibody Peroxidase Conjugated (orb347674)

<b>Description</b>	Rabbit IgG F(c) 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(c) fragment was produced by repeated immunization with Rabbit IgG F(c) 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 Fc peroxidase conjugated antibody has been tested by ELISA and western blot 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

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**Clonality**

Polyclonal

**Purity**

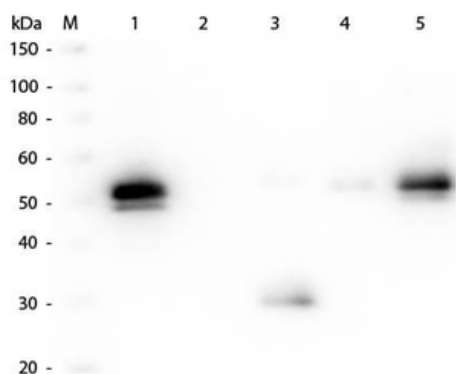
Anti-Rabbit IgG F(c) antibody was prepared from monospecific antiserum by immunoaffinity chromatography using Rabbit IgG coupled to agarose beads. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Goat Serum, Rabbit IgG, Rabbit IgG F(c) and Rabbit Serum. No reaction was observed against Rabbit IgG F(ab).

**Dilution Range**

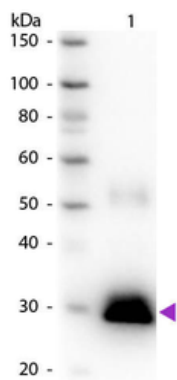
ELISA: 1:110,000, IHC: 1:1,000 - 1:5,000, WB: 1:2,000 - 1:20,000

**Expiration Date**

12 months from date of receipt.



Western Blot of Anti-Rabbit IgG F(c) (GOAT) Antibody (p/n orb347661). Lane M: 3 µl 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 of IgG, F(ab), IgM and Serum, 100 ng of F(c). Block: orb348637 for 30 min at RT. Primary Antibody: Anti-Rabbit IgG F(c) (GOAT) Antibody (p/n orb347661) 1:2000 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.



Western blot of Peroxidase conjugated Goat Anti-Rabbit IgG F(c) secondary antibody. Lane 1: Rabbit IgG F(c). Lane 2: None. Load: 50 ng per lane. Primary antibody: None. Secondary antibody: Peroxidase goat secondary antibody at 1:1000 for 60 min at RT. Blocking: orb348637 for 30 min at RT. Predicted/Observed size: 28 kDa, 28 kDa for Rabbit IgG F(c). Other band(s): None.

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