

Product Datasheet

F(ab')₂ Rat IgG (H&L) Antibody Biotin Conjugated Pre-Adsorbed (orb348348)

Catalog Number	orb348348
Category	Antibodies
Description	F(ab') ₂ Rat IgG (H&L) antibody (Biotin)
Clonality	Polyclonal
Species/Host	Goat
Isotype	IgG F(ab') ₂
Conjugation	Biotin
Reactivity	Rat
Form/Appearance	Lyophilized
Concentration	1.0 mg/mL
Buffer/Preservatives	Preservative: 0.01% (w/v) Sodium Azide. Stabilizer: 10 mg/mL Bovine Serum Albumin (rAlbumin) - Immunoglobulin and Protease free; Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Purity	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-Biotin, 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.
Immunogen	Rat IgG whole molecule

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Tested applications	ELISA, IHC, WB
Dilution range	ELISA: 1:20,000 - 1:100,000, IHC: 1:1,000 - 1:5,000, WB: 1:2,000 - 1:10,000
Application notes	<p>This product has been assayed against 1.0 µg of Rat IgG in a standard capture ELISA using Peroxidase Conjugated Streptavidin and ABTS (2,2'-azino-bis-[3-ethylbenthiiazoline-6-sulfonic acid]) code as a substrate for 30 minutes at room temperature. A working dilution of 1:6,000 to 1:27,000 of the reconstitution concentration is suggested for this product. This product has been assayed against 1.0 µg of Rat IgG in a standard capture ELISA using Peroxidase Conjugated Streptavidin and ABTS (2,2'-azino-bis-[3-ethylbenthiiazoline-6-sulfonic acid]) code as a substrate for 30 minutes at room temperature. A working dilution of 1:6,000 to 1:27,000 of the reconstitution concentration is suggested for this product. This product has been assayed against 1.0 µg of Rat IgG in a standard capture ELISA using Peroxidase Conjugated Streptavidin and ABTS (2,2'-azino-bis-[3-ethylbenthiiazoline-6-sulfonic acid]) code as a substrate for 30 minutes at room temperature. A working dilution of 1:6,000 to 1:27,000 of the reconstitution concentration is suggested for this product. This product has been assayed against 1.0 µg of Rat IgG in a standard capture ELISA using Peroxidase Conjugated Streptavidin and ABTS (2,2'-azino-bis-[3-ethylbenthiiazoline-6-sulfonic acid]) code as a substrate for 30 minutes at room temperature. A working dilution of 1:6,000 to 1:27,000 of the reconstitution concentration is suggested for this product. This product has been assayed against 1.0 µg of Rat IgG in a standard capture ELISA using Peroxidase Conjugated Streptavidin and ABTS (2,2'-azino-bis-[3-ethylbenthiiazoline-6-sulfonic acid]) code as a substrate for 30 minutes at room temperature. A working dilution of 1:6,000 to 1:27,000 of the reconstitution concentration is suggested for this product. This product has been assayed against 1.0 µg of Rat IgG in a standard capture ELISA using Peroxidase Conjugated Streptavidin and ABTS (2,2'-azino-bis-[3-ethylbenthiiazoline-6-sulfonic acid]) code as a substrate for 30 minutes at room temperature. A working dilution of 1:6,000 to 1:27,000 of the reconstitution concentration is suggested for this product. Reconstitution Buffer: Restore with deionized water (or equivalent). Reconstitution Volume: 500 µL</p>
Antibody Type	Secondary Antibody
Storage	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.
Note	For research use only

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Expiration Date 12 months from date of receipt.

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