

Product Datasheet

F(ab')₂ Cat IgG (H&L) Antibody Peroxidase Conjugated (orb346740)

Description	F(ab') ₂ Cat IgG (H&L) antibody (Peroxidase)
Species/Host	Rabbit
Reactivity	Feline
Conjugation	HRP
Tested Applications	ELISA, IHC, WB
Immunogen	Cat IgG whole molecule
Preservatives	None
Form/Appearance	Lyophilized
Concentration	10.0 mg/mL
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
Application notes	This product has been assayed against 1.0 ug of Cat IgG in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenthiiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:20,000 to 1:100,000 of the reconstitution concentration is suggested for this product. This product has been assayed against 1.0 ug of Cat IgG in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenthiiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:20,000 to 1:100,000 of the reconstitution concentration is suggested for this product.

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Isotype	IgG F(ab') ₂
Clonality	Polyclonal
Purity	This product is a F(ab') ₂ fragment of an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation, ion exchange chromatography and pepsin digestion followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Rabbit Serum, Cat IgG and Cat Serum. No reaction was observed against anti-Rabbit IgG F(c) or anti-Pepsin.
Dilution Range	ELISA: 1:10,000 - 1:50,000, IHC: 1:500 - 1:2,500, WB: 1:1,000 - 1:10,000
Expiration Date	12 months from date of receipt.

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