

## **Product Datasheet**

## Dog IgG F(ab')2 Antibody Peroxidase Conjugated (orb346957)

Catalog Number orb346957

**Category** Antibodies

**Description** Dog IgG F(ab')2 antibody (Peroxidase)

**Clonality** Polyclonal

Species/Host Rabbit

**Isotype** lgG

Conjugation HRP

**Reactivity** Canine

Form/Appearance Lyophilized

**Concentration** 2.0 mg/mL

**Buffer/Preservatives** 0.01% (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!

**Purity** This product was prepared from monospecific antiserum by immunoaffinity

chromatography using Dog IgG coupled to agarose beads followed by solid

phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-

Peroxidase, anti-Rabbit Serum, Dog IgG, Dog IgG F(ab')2 and Dog Serum. No

reaction was observed against Dog IgG F(c).

**Immunogen** Dog IgG F(ab')2 fragment

**Tested applications** ELISA, IHC, WB

**Dilution range** ELISA: 1:100,000, IHC: 1:500 - 1:2,500, WB: 1:2,000 - 1:20,000





**Application notes** 

Anti-Dog IgG F(ab')2 Peroxidase conjugate has been tested by ELISA and is suitable for immunoblotting (western or dot blot), ELISA, immunoelectron microscopy and immunohistochemistry as well as other antibody-based enzymatic assays requiring lot-to-lot consistency.

**Antibody Type** 

Secondary Antibody

Storage

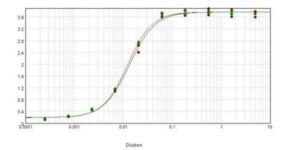
Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Note

For research use only

**Expiration Date** 

12 months from date of receipt.



ELISA results of purified Rabbit Anti-Dog IgG F(ab')2 Antibody tested against purified Dog IgG F(ab')2. Each well was coated in duplicate with 1.0  $\mu$ g of Dog IgG F(ab')2 (red line). The starting dilution of antibody was 5  $\mu$ g/ml and the X-axis represents the Log10 of a 3-fold dilution. This titration is a 4-parameter curve fit where the IC50 is defined as the titer of the antibody.