

## **Product Datasheet**

## F(ab')2 Sheep IgG (H&L) Antibody Pre-Adsorbed (orb348387)

Catalog Number orb348387

**Category** Antibodies

**Description** F(ab')2 Sheep IgG (H&L) antibody

**Clonality** Polyclonal

Species/Host Donkey

**Isotype** IgG F(ab')2

**Conjugation** Unconjugated

**Reactivity** Sheep

Form/Appearance Liquid (sterile filtered)

**Concentration** 0.95 mg/mL

**Buffer/Preservatives** 0.01% (w/v) Sodium Azide

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

chromatography using Sheep 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-Donkey Serum, Sheep IgG and Sheep Serum. No reaction was observed against anti-Pepsin, anti-Donkey IgG F(c) or Chicken,

Guinea Pig, Hamster, Horse, Human, Mouse, Rabbit and Rat Serum Proteins.

**Immunogen** Sheep IgG whole molecule

**Tested applications** DOT, 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

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## **Application notes**

F(ab')2 Anti-Sheep IgG Antibody has been tested by dot blot and SDS-PAGE and is suitable for immunomicroscopy and flow cytometry or FACS analysis as well as other antibody based fluorescent assays requiring extremely low background levels, absence of F(c) mediated binding, lot-to-lot consistency, high titer and specificity. The maximum amount of reagent required to stain 1 x 10E6 cells in flow cytometry is approximately 1.0  $\mu$ g of antibody. Lesser amounts of reagent may be sufficient for staining. Optimal titers for other applications should be determined by the researcher. As a general guideline dilutions of 1:100 to 1:250 should be suitable for most applications.

**Antibody Type** 

Secondary Antibody

**Storage** 

Store vial at 4° C prior to opening. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing.

Note

For research use only

**Expiration Date** 

12 months from date of receipt.



Dot Blot Results of Donkey F(ab')2 Anti-Sheep IgG Antibody Min X Ch GP Ham Hs Hu Ms Rb Rt Serum Proteins. Sheep IgG (1) 100 ng, (2) 33.33 ng, (3) 11.11 ng, (4) 3.70 ng, (5) 1.23 ng. Primary Antibody: Donkey F(ab')2 Anti-Sheep IgG Antibody at 1 µg/ml at RT for 1hr. Secondary Antibody: Anti-Donkey IgG HRP at 1:40000 for 30 mins at RT. Exposure: 1 sec.