

Product Datasheet

F(ab')2 Goat IgG (H&L) Antibody (orb346753)

Catalog Number orb346753

Category Antibodies

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

Clonality Polyclonal

Species/Host Rabbit

Isotype IgG F(ab')2

Conjugation Unconjugated

Reactivity Goat

Form/Appearance Lyophilized

Concentration 10.0 mg/mL

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

Purity This product is a F(ab')2 fragment of 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 chromatographic separation and extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc

against anti-Rabbit Serum, Goat IgG and Goat Serum. No reaction was observed

against anti-Rabbit IgG F(c) or anti-Pepsin.

Immunogen Goat IgG whole molecule

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



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Application notes

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 μ 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 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