

Product Datasheet

F(ab')2 Rabbit IgG (H&L) Antibody Phycoerythrin Conjugated Pre-Adsorbed (orb348316)

Catalog Number orb348316

Category Antibodies

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

Clonality Polyclonal

Species/Host Goat

Isotype IgG F(ab')2

Conjugation RPE

Reactivity Rabbit

Form/Appearance Lyophilized

Concentration 0.5 mg/mL

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

Purity This product was prepared from monospecific antiserum by immunoaffinity

chromatography using Rabbit IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities, pepsin digestion and chromatographic separation. Coupling to R-PE was followed by size exclusion chromatography to purify conjugate from unreacted R-PE and antibody. Assay by

immunoelectrophoresis resulted in a single precipitin arc against anti-

Phycoerythrin, anti-Goat Serum, Rabbit IgG and Rabbit Serum. No reaction was observed against anti-Pepsin, anti-Goat IgG F(c) or Bovine, Chicken, Goat, Guinea Pig, Hamster, Horse, Human, Mouse, Rat and Sheep Serum Proteins.

Immunogen Rabbit IgG whole molecule

Tested applications FC, IF, WB

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Dilution range FC: 1:100 - 1:250, IF: 1:100 - 1:250

Application notes F(ab')2 Anti-Rabbit IgG Phycoerythrin Antibody has been tested by western blot

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 conjugate. 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. Restore with deionized water (or

equivalent). This product is stable at 4° C as an undiluted liquid. Dilute only prior to immediate use. Centrifuge product if not completely clear after standing at room temperature. Do not freeze after reconstitution. Store reagent in the dark.

Use subdued lighting during handling and incubation of cells prior to analysis.

Note For research use only

Expiration Date 12 months from date of receipt.