

R1427R**F(ab)2 Fragment of Donkey anti-Rabbit IgG [H&L] -PE****Alternate names:**

Rabbit Immunoglobulin G

Quantity:

0.5 mg

Concentration:

0.5 mg/ml (determined by absorbance = 82.0 at 565 nm)

Host:

Donkey

Immunogen:

Rabbit IgG whole molecule.

Format:**State:** Lyophilized F(ab')₂ fragments.**Purification:** Immunoaffinity Chromatography.**Buffer System:** 0.02M Potassium Phosphate, 0.15M Sodium Chloride; pH 7.2**Preservatives:** 0.01% (w/v) Sodium Azide**Stabilizers:** 10 mg/ml BSA (Immunoglobulin and Protease free)**Label:** PE – R-Phycoerythrin (Molecular Weight 240,000 daltons)*Absorption / Emission:* 488 nm / 575 nm**Reconstitution:** Restore with 1.0 ml of deionized water (or equivalent).**Applications:**

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.

Recommended Dilutions:

Immunofluorescence: 1/100-1/200.

Flow Cytometry: 1/100-1/20. The maximum amount of reagent required to stain 1 x 10⁶ cells is approximately 1.0 µg of antibody conjugate. Lesser amounts of reagent may be sufficient for staining.

As a general guideline dilutions of 1/100 to 1/250 should be suitable for most applications.

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity:

This product was prepared from monospecific antiserum by 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. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Phycoerythrin, anti-Donkey Serum, Rabbit IgG and Rabbit Serum. No reaction was observed against anti-Pepsin, anti-Donkey IgG F(c) or to Bovine, Chicken, Goat, Guinea Pig, Hamster, Horse, Human, Mouse, Rat & Sheep Serum Proteins.

Species Reactivity:**Tested:** Rabbit.

Storage:

Prior to reconstitution store at 2-8°C.
Following reconstitution store undiluted at 2-8°C for one month
or (in aliquots) at -20°C for longer.
Avoid repeated freezing and thawing.
This product is photosensitive and should be protected from light.
Shelf life: one year from despatch.