abcam

Product datasheet

Goat F(ab')2 Anti-Mouse IgG - Fc (PE), pre-adsorbed ab5881

4 References

Overview

Product name	Goat F(ab')2 Anti-Mouse IgG - Fc (PE), pre-adsorbed
Host species	Goat
Target species	Mouse
Specificity	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Phycoerythrin, anti-Goat Serum, Mouse IgG, Mouse IgG F(c) and Mouse Serum. No reaction was observed against anti-Pepsin, anti-Goat IgG F(c), Mouse IgG F(ab')2 or Bovine, Horse or Human Serum Proteins.
Tested applications	**Suitable for:** ICC/IF, Immunomicroscopy, Flow Cyt
Minimal cross-reactivity	Cow, Horse, Human **more details**
Immunogen	Mouse IgG F(c) fragment
Conjugation	PE. Ex: 488nm, Em: 575nm

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	Preservative: 0.01% Sodium azide Constituents: 0.87% Sodium chloride, 1% BSA, 0.424% Potassium phosphate BSA is IgG and protease free
Purification notes	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Mouse IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities, pepsin digestion and chromatographic separation.
Conjugation notes	R-Phycoerythrin (R-PE) (Molecular Weight 240,000 daltons) from seaweed Absorption Wavelength: 490 nm, 545 nm and 565 nm Emission Wavelength: 580 nm OD_{566nm}/OD_{280nm}: 2.6 Phycobiliprotein Concentration: 0.5 mg/ml (determined by absorbance = 82.0 at 565 nm for a 1% solution for only those R-PE molecules to which at least one molecule of active antibody is bound)
Clonality	Polyclonal

Isotype IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab5881 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC/IF		1/100 - 1/250.
Immunomicroscopy		Use at an assay dependent dilution.
Flow Cyt		1/100 - 1/250. The maximum amount of reagent required to stain 1 x 10^6 cells in Flow Cytometry is approximately 1.0µg of antibody conjugate. Lesser amounts of reagent may be sufficient for staining. As a general guideline dilutions of 1/50 to 1/200 should be suitable for most applications.Suitable for other antibody based fluorescent assays requiring extremely low background levels, absence of F(c) mediated binding, lot-to-lot

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