Product datasheet

Anti-Fluorescein antibody (Rhodamine) ab7253

Overview

Product name: Anti-Fluorescein antibody (Rhodamine)
Description: Goat polyclonal to Fluorescein (Rhodamine)
Host species: Goat
Conjugation: Rhodamine. Ex: 550nm, Em: 570nm
Tested applications: Suitable for: Immunomicroscopy, Flow Cyt
Species reactivity: Reacts with: Species independent
Immunogen: Fluorescein conjugated to Goat IgG
General notes: Tetramethylrhodamine isothiocyanane (TRITC) (Molecular Weight 444 daltons) Absorption Wavelength: 550 nm Emission Wavelength: 570 nm Fluorochrome/Protein Ratio: 1.6 moles TRITC per mole of Goat IgG.

Properties

Form: Liquid
Storage instructions: Shipped at 4°C. Store at +4°C.
Storage buffer: pH: 7.60
Preservative: 0.01% Sodium azide
Constituents: 0.88% Sodium chloride, 1% BSA, 0.42% Potassium phosphate
Purity: Affinity purified
Purification notes: This product was prepared from monospecific antiserum by immunoaffinity chromatography using Fluorescein IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities.
Clonality: Polyclonal
Isotype: IgG

Applications

Our Abpromise guarantee covers the use of ab7253 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.
Fluorescein is a fluorophore commonly used to label proteins - protein-fluorescein conjugates are not usually susceptible to precipitation. In addition to its relatively high absorptivity, excellent fluorescence quantum yield and good water solubility, fluorescein has an excitation maximum of 494 nm that closely matches the 488 nm spectral line of the argon-ion laser, making it an important fluorophore for confocal laser-scanning microscopy and flow cytometry applications. Its fluorescence is pH sensitive and is significantly reduced below pH 7. Fluorescein emits most strongly between 500 and 550 nm, but it has a relatively broad emission spectrum reaching to over 600 nm. Several derivatives of fluorescein are commonly used, including FITC (fluorescein isothiocyanate), carboxylates and succinimidyl esters. 

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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