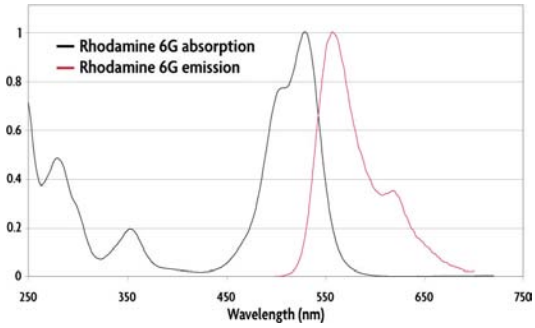
Rhodamine 6G (GSD) Goat anti-Mouse IgG

Catalog No: 15074, 15075

Format: 250 µl, 35 µl



Absorption and emission spectra of Rhodamine 6G (GSD) Dye.

Chemical Properties:

Contents: 250 µl (Catalog No. 15074) or 35 µl (Catalog No. 15075 of affinity purified goat anti-mouse IgG (H+L) conjugated to Rhodamine 6G (GSD) in PBS, pH 7.4, 0.01% sodium azide.

Specificity: This antibody was purified by immunoaffinity chromatography and cross-adsorbed. It reacts with whole molecule mouse IgG and shows minimum cross-reactivity with bovine, chicken, goat, guinea pig, horse, human, rabbit, rat and sheep serum proteins. No cross-reactivity was observed with non-immunoglobulin serum proteins.

Fluorescent Properties: Rhodamine 6G (GSD) belongs to a class of fluorescent labels for the orange-red spectral region. Characteristic features of the label are strong absorption, excellent fluorescence quantum yield, and high photo stability.

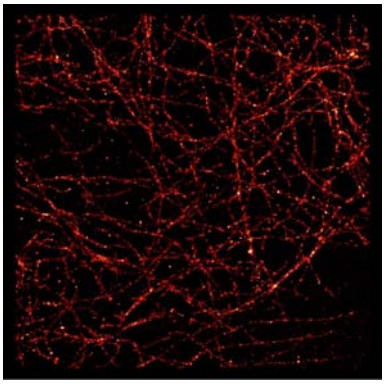
Molar extinction Coefficient: 116,000 $M^{-1}cm^{-1}$ (measured at A_{max})

Excitation Max: 508 nm

Emission Max: 558 nm

Application:

Immunofluorescence: 1:1000 to 1:2000



GSD fluorescence microscopy: Tubulin staining in HeLa cells using the Rhodamine 6G (GSD) Goat anti-mouse secondary. (Courtesy of Leica Microsystems, Germany.)

Quality Control: This antibody has been quality control-tested by spectra-photometrical evaluation and by immunocytochemistry.

Storage and Guarantee: Some products may be shipped at room temperature. This will not affect their stability or performance. Upon receipt, unconjugated antibodies may be stored at -20°C for up to 2 years. Fluorophore- & enzyme-conjugated antibodies should be stored at 4°C. Fluorophore-conjugated antibodies should be protected from light. Keep reagents on ice when not in storage; to avoid repeated freeze/thaw cycles, we recommend aliquoting items that will be stored frozen into single-use fractions prior to freezing. This product is guaranteed for 6 months from date of receipt.

This product is for research use only and is not for use in diagnostic procedures.