

RBITC Conjugated Antibody

Summary:

Quantity size: 0.3mL/3.0mL

Concentration: 3-5mg/mL Buffer=0.01M PBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

Storage: Shipped at 4°C, Store at -20°C at least one year. (Avoid repeated freeze/thaw cycles).

Purification method: Protein A/G.

Background:

RBITC conjugated antibody is a kind of immunochemistry reagents widely used in immunology, molecular biology and various branches of clinical medicine. The various RBITC-labeled antibodies developed by Solarbio are all self-prepared immune serums. The immune serums are purified by affinity chromatography to obtain high-purity IgG. Using direct labeling method, the RBITC is covalently cross-linked to the lysine group of the antibody IgG molecule.

Application:

IF=1:50-500

Excitation spectrum:560nm

Emission spectrum: 600nm

Not yet tested in other applications.

Dilution is subject to the product label. Optimal working dilutions must be determined by the end user.

Related products:

SPA131 Goat anti-mouse IgG (purified)

SA134 Goat anti-rabbit IgG (immune serum)

SF134 Goat anti-rabbit IgG-FITC

SR137 Goat anti-pig IgG-RBITC

SE237 Rabbit anti-pig IgG-HRP

A1840 Fluorescent Antibody Dilution Buffer

S2100 Mounting Medium, antifading

Tech:immunoservice@solarbio.com







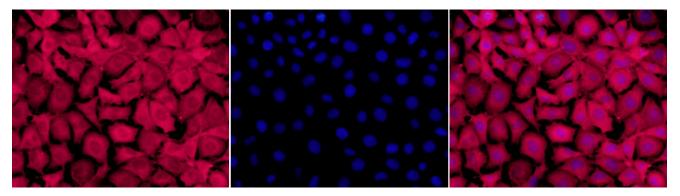




Related literature:

- [1] Peilu Song, Fan Zhao, Dahong Li, Jiqiang Qu,et al. Synthesis of selective PAK4 inhibitors for lung metastasis of lung cancer and melanoma cells. March2022. (11.614)
- [2] Jing Li, Na Zhuo, Jingai Zhang,et al. The loading of C-type natriuretic peptides improved hemocompatibility and vascular regeneration of electrospun poly(ε -caprolactone) grafts. August 2022. (10.633)
- [3] Liang Zhang, Mingfu Gong, Sheng Lei, Chun Cui,et al. Targeting visualization of malignant tumor based on the alteration of DWI signal generated by hTERT promoter driven AQP1 overexpression January 2022. (9.236)
- [4] Changjin Liu, Min Lin, Huanyi Hu, Xiaolan Liu, et al.Rabbit hemorrhagic disease virus VP60 protein expressed in recombinant swinepox virus self-assembles into virus-like particles withstrong immunogenicity in rabbits August 2022. (6.064)

Product Image:



Immunofluorescence analysis of Goat anti-mouse IgG/RBITC (SR131) was performed using SHSY5Y cells stained with Anti-β-Tubulin Monoclonal Antibody (K200059M). The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton X-100 for 10 minutes, blocked with 1% BSA for 1 hour and labeled with Anti-β-Tubulin Monoclonal Antibody for 2 hours at room temperature. Goat anti-mouse IgG/RBITC (SR131) was used at 1:200 in phosphate buffered saline containing 0.2% BSA for 45 minutes at room temperature, for detection of β-Tubulin in the cytoplasm (green). Nuclei (blue) were stained with DAPI (Product # C0065).

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.