

FITC 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:

FITC conjugated antibody is a kind of immunochemistry reagents widely used in immunology, molecular biology and various branches of clinical medicine. The various fluorescein-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 FITC is covalently cross-linked to the lysine group of the antibody IgG molecule.

Application:

IF=1:50-500

Excitation spectrum: 495nm

Emission spectrum: 525nm

Not yet tested in other applications.

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

Related products:

AC63334 Goat anti-mouse IgG (purified)

AC63205 Goat anti-rabbit IgG (immune serum)

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AC63282 Goat anti-rabbit IgG-FITC

AC63255 Rabbit anti-pig IgG-HRP

AC10043 Fluorescent Antibody Dilution Buffer

AC15725 Mounting Medium, antifading

Related literature:

Related products:

[1] Cuicui Jiao et al. Construction and Immunogenicity of Virus-Like Particles of Feline Parvovirus from the Tiger. *Viruses*. March 2020. (IF 3.811)

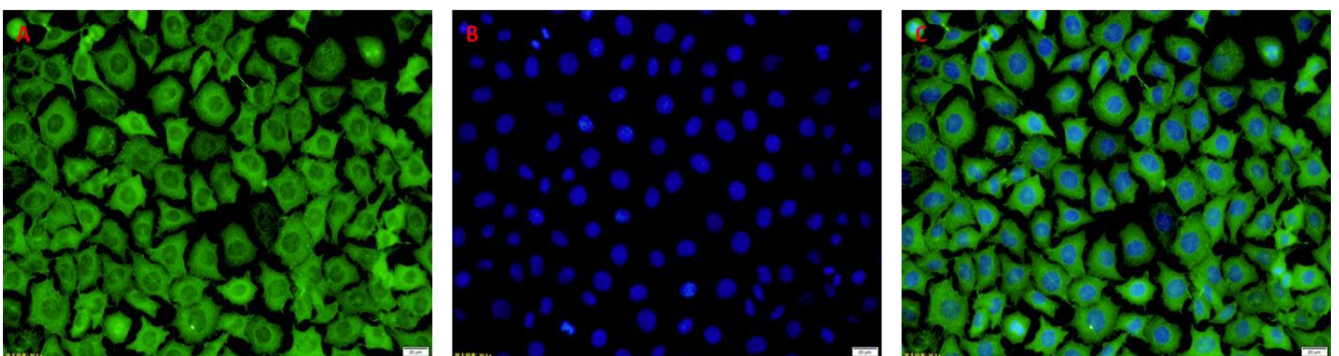
[2] Mengxue Peng, Jiawei Liu et al. Probiotic *Bacillus subtilis* CW14 reduces disruption of the epithelial barrier and toxicity of ochratoxin A to Caco-2 cells. *Food and Chemical Toxicology*. April 2019. (IF 3.775)

[3] Yaxian Zheng, Jiawei Wu, Wei Shan, et al. Multifunctional Nanoparticles Enable Efficient Oral Delivery of Biomacromolecules via Improving Payload Stability and Regulating the Transcytosis Pathway. *ACS Applied Materials & Interfaces*. September 2018. (IF 8.456)

[4] Daishun Liu, Qian Chen, Honglan Zhu, et al. Association of Respiratory Syncytial Virus Toll-Like Receptor 4-Mediated Immune Response with COPD Exacerbation Frequency. *Inflammation*. December 2017. (IF 2.939)

[5] Bingbing Ning, Yong Zhang, Dandan Wu, et al. Luteolin-7-diglucuronide attenuates isoproterenol-induced myocardial injury and fibrosis in mice. *Acta Pharmacologica Sinica*. March 2017. (IF 2.354)

Product Image:



Immunofluorescence analysis of Goat anti-mouse IgG/FITC (AC63279) was performed using SHSY5Y cells stained with Anti-β-Tubulin Monoclonal Antibody (AC63050). 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/FITC (AC63279) 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 (AC0065).

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

