

AS001

Leader in Biomolecular Solutions for Life Science



FITC-conjugated Goat anti-Mouse IgG (H+L)

Catalog No.: AS001

112 Publications

Basic Information

Observed MW

Calculated MW

Category

Secondary Antibody

Applications

IF/ICC,FC

Cross-Reactivity

Mouse

Conjugate

FITC. Ex:491nm. Em:516nm.

Background

Secondary antibodies are affinity-purified antibodies which will work with target-specific primary antibody in the detection, sorting or purification of its specified target. Secondary antibodies offer increased versatility enabling users to use many detection systems (e.g. HRP, AP, fluorescence). They can also provide greater sensitivity through signal amplification as multiple secondary antibodies. Most commonly, secondary antibodies are generated by immunizing the host animal (different from host species of primary antibody) with a pooled population of normal immunoglobulins from the host species of primary antibody and can be further purified and modified (i.e. antibody fragmentation, label conjugation, etc.) to ensure well-characterized specificity to corresponding normal immunoglobulins.

Recommended Dilutions

IF/ICC 1:100 - 1:500

FC 1:50 - 1:200

Immunogen Information

Gene ID

Swiss Prot

Immunogen

This information is considered to be commercially sensitive.

Synonyms

Contact

 www.abclonal.com

Product Information

Source

Goat

Isotype

Fluorescein conjugated IgG

Purification

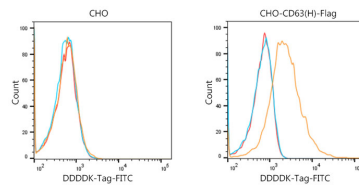
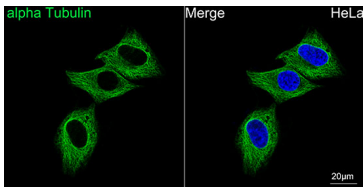
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.025% Sodium Azide,0.75% BSA,50% glycerol,pH7.3.

Validation Data



Confocal imaging of HeLa cells using α -Tubulin Mouse mAb (AC012, dilution 1:400) followed by a further incubation with FITC Goat Anti-Mouse IgG (H+L) (AS001, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.

Flow cytometric analysis of Positive antibody (AE005) (2.5 μ g/mL) in various cells (orange) compare to Mouse isotype control (blue) and non-staining control (Red). The secondary antibody used was FITC Goat Anti-Mouse IgG (H+L) (AS001) at 1:100.