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

Catalog No.: AS001 **116 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

400-999-6126

cn.market@abclonal.com.cn

www.abclonal.com.cn

Product Information

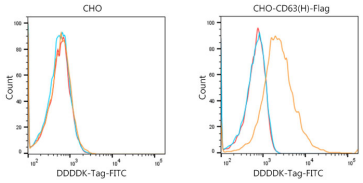
Source
Goat

Isotype
Fluorescein conjugated IgG

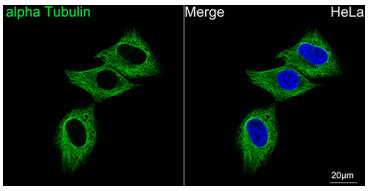
Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.025% Sodium Azide,0.75% BSA,50% glycerol,pH7.3.

Validation Data



Flow cytometric analysis of Positive antibody (AE005) (2.5µg/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.



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.