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Cy3-conjugated Goat anti-Mouse IgG (H+L)

Catalog No.: AS008 **61 Publications**

Basic Information

Observed MW

Calculated MW

Category
Secondary antibody

Applications
IF/ICC,FC

Cross-Reactivity

Conjugate
Cy3. Ex:548nm. Em:562nm.

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	1:50 - 1:200
FC	1:100 - 1:800

Immunogen Information

Gene ID **Swiss Prot**

Immunogen
This information is considered to be commercially sensitive.

Synonyms

Contact

400-999-6126

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Product Information

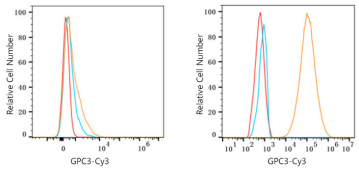
Source
Goat

Isotype
Cy3 conjugated IgG

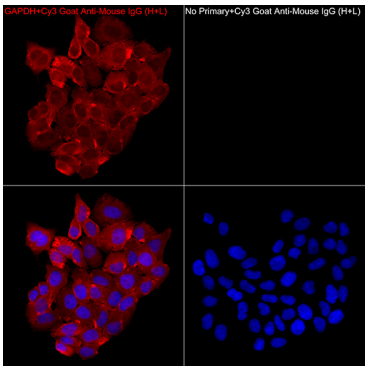
Purification
Affinity purification

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

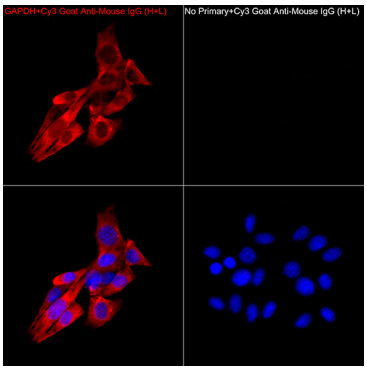
Validation Data



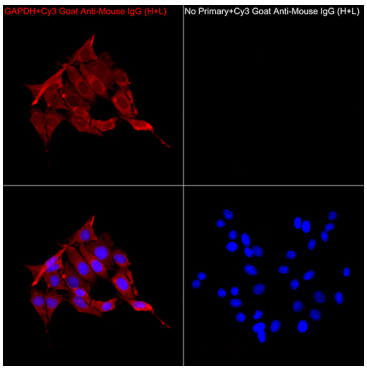
Flow cytometry: 1X10^6 K-562 cells (negative control,left) and Hep G2 cells (right) were surface-stained with Mouse Anti-Human GPC3 mAb (4μg/mL,orange line) or secondary antibody only (blue line). Non-fluorescently stained HepG2 and K-562 cells were used as blank control (red line). Cy3 Goat Anti-Mouse IgG (H+L) (AS008, 1:200) was used as a secondary antibody.



Immunofluorescence analysis of HeLa cells using GAPDH Mouse mAb (AC033, dilution 1:100) followed by a further incubation with Cy3 Goat Anti-Mouse IgG (H+L)(AS008, dilution 1:200) (Red). DAPI was used for nuclear staining (Blue). Objective: 40x.



Immunofluorescence analysis of NIH/3T3 cells using GAPDH Mouse mAb (AC033, dilution 1:100) followed by a further incubation with Cy3 Goat Anti-Mouse IgG (H+L)(AS008, dilution 1:200) (Red). DAPI was used for nuclear staining (Blue). Objective: 40x.



Immunofluorescence analysis of PC-12 cells using GAPDH Mouse mAb (AC033, dilution 1:100) followed by a further incubation with Cy3 Goat Anti-Mouse IgG (H+L)(AS008, dilution 1:200) (Red). DAPI was used for nuclear staining (Blue). Objective: 40x.