Leader in Biomolecular Solutions for Life Science

ABflo® 647-conjugated Goat anti-Mouse IgG (H+L)

ABclonal Technology®

www.abclonal.com

Catalog No.: AS059   `2 Publications`

Basic Information

Observed MW

Calculated MW

Category
Secondary Antibody

Applications
IF/ICC,FC

Cross-Reactivity

Conjugate
ABflo® 647. Ex:648nm. Em:664nm.

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 - 1:100

Immunogen Information

Gene ID   **Swiss Prot**

Immunogen
Mouse IgG

Synonyms

Contact

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Product Information

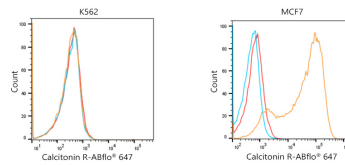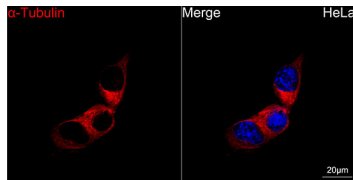| **Source**	**Isotype**	**Purification**
Goat	IgG	Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,1% 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 ABflo® 647-conjugated Goat Anti-Mouse IgG (H+L) (AS059, dilution 1:200) (Red).DAPI was used for nuclear staining (Blue). Objective: 100x.

Flow cytometric analysis of Positive antibody Human Calcitonin R (2.5µg/mL) in various cells (orange) compare to Mouse isotype control (blue) and non-staining control (Red). The secondary antibody used was ABflo® 647-conjugated Goat Anti-Mouse IgG (H+L) (AS059) at 1:100.