Leader in Biomolecular Solutions for Life Science

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ABflo® 488-conjugated Goat anti-Mouse IgG, Fcγ fragment specific

Catalog No.: AS198

Basic Information

Observed MW

Calculated MW
55 kDa

Category
Secondary antibody

Applications
IF/ICC,IF-F

Cross-Reactivity
Mouse

Conjugate
ABflo® 488. 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	1:200 - 1:400
IF-F	1:200 - 1:400

Immunogen Information

Gene ID

Swiss Prot
P01865/P01866/P01867

Immunogen
This information is considered to be commercially sensitive.

Synonyms
Goat Anti-Mouse IgG

Contact

400-999-6126

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Product Information

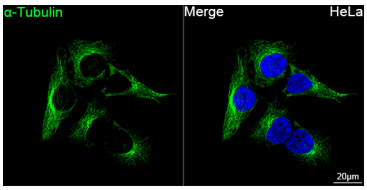
Source
Goat

Isotype
IgG

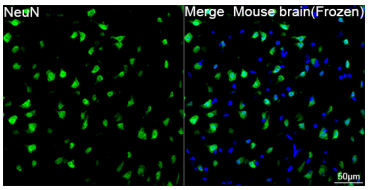
Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: 0.005M Sodium Phosphate, 0.125M NaCl, pH 7.6,7.5 mg/ml Bovine Serum Albumin (IgG-Free, Protease-Free),0.025% Sodium Azide,50% glycerol

Validation Data



Confocal imaging of HeLa cells using α-Tubulin Mouse mAb (AC012, dilution 1:500) followed by a further incubation with ABflo® 488-conjugated Goat anti-Mouse IgG, Fcγ fragment specific (AS198, dilution 1:200) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



Confocal imaging of frozen sections of Mouse brain tissue using NeuN Mouse mAb (A26951, dilution 1:200) followed by a further incubation with ABflo® 488-conjugated Goat anti-Mouse IgG, Fcγ fragment specific (AS198, dilution 1:200) (Green). DAPI was used for nuclear staining (Blue). Microwave antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.