Leader in Biomolecular Solutions for Life Science

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ABflo® 488 Mouse anti-Rabbit IgG, light chain specific mAb

Catalog No.: AS138

Basic Information

Observed MW

Calculated MW

Category
Secondary antibody

Applications
FC

Cross-Reactivity
Rabbit

CloneNo number
AMC50031-ABf488

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

FC	5 µl per 10^6 cells in 100 µl volume

Immunogen Information

Gene ID

Swiss Prot

Immunogen
Recombinant protein of rabbit IgG.

Synonyms

Contact

400-999-6126

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Product Information

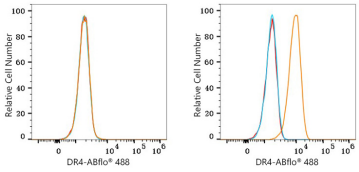
Source
Mouse

Isotype
IgG2b, kappa

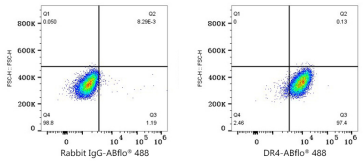
Purification
Affinity purification

Storage
Store at 2-8℃. Avoid freeze.
Buffer: PBS with 0.09% Sodium azide,pH7.3.

Validation Data



Flow cytometry: 1X10^6 BeWo cells (negative control,left) and HeLa cells (right) were surface-stained with DR4 Rabbit mAb (A24703,2 µg/mL,orange line) or Rabbit IgG isotype control (AC042,2 µg/mL,blue line), followed by ABflo® 488 Mouse anti-Rabbit IgG, light chain specific mAb (AS138,5 µl/Test) staining. Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1X10^6 HeLa cells were surface-stained with Rabbit IgG isotype control (AC042,2 µg/mL,left) or DR4 Rabbit mAb (A24703,2 µg/mL,right). ABflo® 488 Mouse anti-Rabbit IgG, light chain specific mAb (AS138,5 µl/Test) was used as a secondary antibody.