

# ABflo® 647 Mouse anti-Rabbit IgG, light chain specific mAb

Catalog No.: AS139

## Basic Information

**Observed MW**

**Calculated MW**

**Category**

Secondary antibody

**Applications**

FC

**Cross-Reactivity**

Rabbit

**CloneNo number**

AMC50031

**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

**FC** 5 µl per 10<sup>6</sup> cells in  
100 µl volume

## Immunogen Information

**Gene ID**

**Swiss Prot**

**Immunogen**

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

**Synonyms**

## Contact

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## Product Information

**Source**

Mouse

**Isotype**

IgG2b, kappa

**Purification**

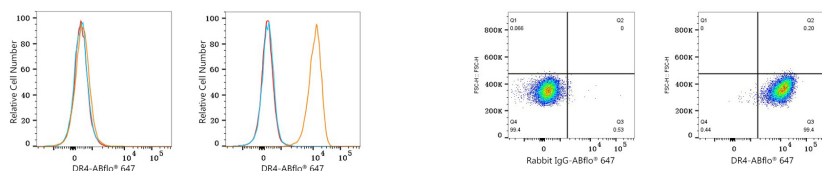
Affinity purification

**Storage**

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.09% Sodium azide, pH7.3.

## Validation Data



Flow cytometry:  $1 \times 10^6$  BeWo cells (negative control, left) and HeLa cells (right) were surface-stained with DR4 Rabbit mAb (A24703, 2  $\mu\text{g/mL}$ , orange line) or Rabbit IgG isotype control (AC042, 2  $\mu\text{g/mL}$ , blue line), followed by ABflo® 647 Mouse anti-Rabbit IgG, light chain specific mAb (AS139, 5  $\mu\text{L/Test}$ ) staining. Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry:  $1 \times 10^6$  HeLa cells were surface-stained with Rabbit IgG isotype control (AC042, 2  $\mu\text{g/mL}$ , left) or DR4 Rabbit mAb (A24703, 2  $\mu\text{g/mL}$ , right). ABflo® 647 Mouse anti-Rabbit IgG, light chain specific mAb (AS139, 5  $\mu\text{L/Test}$ ) was used as a secondary antibody.