

# ABflo® 488 Rabbit anti-Rat IgG2b (Fc) mAb

Catalog No.: AS164

## Basic Information

### Observed MW

### Calculated MW

36kDa

### Category

Secondary antibody

### Applications

FC

### Cross-Reactivity

Rat

### CloneNo number

ARC72127-ABflo488

### Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

## Background

Enables antigen binding activity. Acts upstream of or within phagocytosis; positive regulation of immune response; and positive regulation of phagocytosis. Located in extracellular space. Part of immunoglobulin complex, circulating. Orthologous to several human genes including IGHG1 (immunoglobulin heavy constant gamma 1 (G1m marker)); IGHG2 (immunoglobulin heavy constant gamma 2 (G2m marker)); and IGHG3 (immunoglobulin heavy constant gamma 3 (G3m marker)).

## Recommended Dilutions

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

## Immunogen Information

### Gene ID

### Swiss Prot

P20761

### Immunogen

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

### Synonyms

IgG2b; Igh-3; gamma2b

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

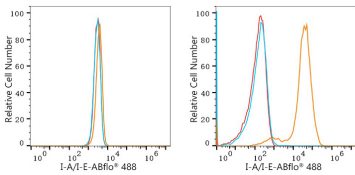
Affinity purification

### Storage

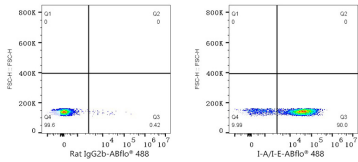
Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.09% Sodium azide, 0.2% BSA, pH7.3.

# Validation Data



Flow cytometry: 1X10<sup>6</sup> Neuro-2a cells (negative control, left) and C57BL/6 mouse splenocytes (right) were surface-stained with Purified Rat anti-mouse I-A/I-E Antibody (2ug/ml, orange line) or Rat IgG2b isotype control (2 µg/mL, blue line), followed by ABflo® 488 Rabbit anti-Rat IgG2b (Fc) mAb (AS164, 5 µl/Test) staining. Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1X10<sup>6</sup> C57BL/6 mouse splenocytes were surface-stained with Rat IgG2b isotype control (2 µg/mL, left) or Purified Rat anti-mouse I-A/I-E Antibody (2ug/ml, right), followed by ABflo® 488 Rabbit anti-Rat IgG2b (Fc) mAb (AS164, 5 µl/Test) staining.