

# ABflo® 488 Rat anti-Mouse IgD mAb

Catalog No.: A28634

## Basic Information

### Observed MW

### Calculated MW

28 kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Mouse

### CloneNo number

ATC0041

### Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

## Background

Enables antigen binding activity. Acts upstream of or within several processes, including immunoglobulin mediated immune response; positive regulation of B cell proliferation; and somatic hypermutation of immunoglobulin genes. Located in external side of plasma membrane. Part of B cell receptor complex. Orthologous to human IGHD (immunoglobulin heavy constant delta).

## Recommended Dilutions

**FC** ≤0.25 µg per million cells  
in 100 µl volume

## Immunogen Information

### Gene ID

380797

### Swiss Prot

P01881

### Immunogen

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

### Synonyms

IgD; Igh-5

## Contact

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## Product Information

### Source

Rat

### Isotype

IgG2a, kappa

### Purification

Affinity purification

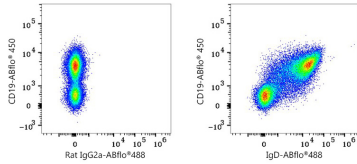
### Storage

Store at 2-8°C. Avoid freeze.

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

## Validation Data

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Flow cytometry:  $1 \times 10^6$  C57BL/6 mouse splenocytes were surface-stained with ABflo® 450 Rabbit anti-Mouse CD19 mAb (A26192, 5  $\mu$ l/Test) and ABflo® 488 Rat IgG2a isotype control (5  $\mu$ l/Test, left) or ABflo® 488 Rat anti-Mouse IgD mAb (A28634, 0.25  $\mu$ g, right).