

# 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**       $\leq 0.25 \mu\text{g}$  per million cells  
in 100  $\mu\text{l}$  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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|  | 400-999-6126   |
|  | <a href="mailto:cn.market@abclonal.com.cn">cn.market@abclonal.com.cn</a> |
|  | <a href="http://www.abclonal.com.cn">www.abclonal.com.cn</a>             |

## Product Information

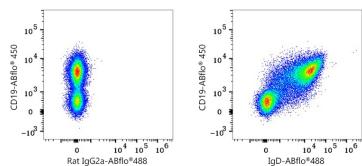
|                      |                                |  |
|----------------------|--------------------------------|--|
| <b>Source</b><br>Rat | <b>Isotype</b><br>IgG2a, kappa | <b>Purification</b><br>Affinity purification |
|----------------------|--------------------------------|--|

### 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: 1X10<sup>6</sup> C57BL/6 mouse splenocytes were surface-stained with ABflo® 450 Rabbit anti-Mouse CD19 mAb (A26192, 5 µl/Test) and ABflo® 488 Rat IgG2a isotype control (5 µl/Test, left) or ABflo® 488 Rat anti-Mouse IgD mAb (A28634, 0.25 µg, right).