

# ABflo® 700 Rabbit anti-Human/Monkey IgD mAb

Catalog No.: A26482

## Basic Information

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### Observed MW

Refer to figures

### Calculated MW

47kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Human, Rhesus

### CloneNo number

ARC60051

### Conjugate

ABflo® 700. Ex:690nm. Em:713nm.

## Recommended Dilutions

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**FC** 5  $\mu$ l per  $10^6$  cells in  
100  $\mu$ l volume

## Background

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IgD is the major antigen receptor isotype on the surface of most peripheral B-cells, where it is coexpressed with IgM. The membrane-bound IgD (mIgD) induces the phosphorylation of CD79A and CD79B by the Src family of protein tyrosine kinases.

## Immunogen Information

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### Gene ID

3495

### Swiss Prot

P01880

### Immunogen

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

### Synonyms

IGHD

## Contact

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## Product Information

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### Source

Rabbit

### Isotype

IgG

### Purification

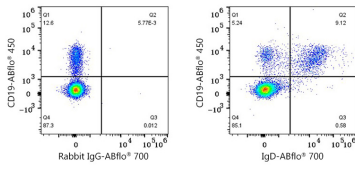
Affinity purification

### Storage

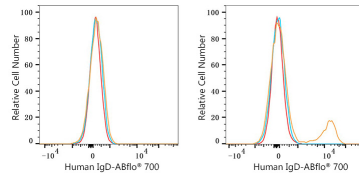
Store at 2-8°C. Avoid freeze.

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

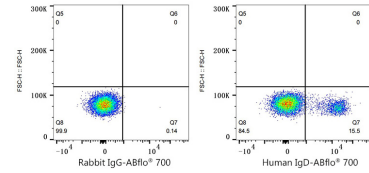
## Validation Data



Flow cytometry:  $1 \times 10^6$  Rhesus PBMC were surface-stained with ABflo® 488 Mouse anti-Human CD11b mAb (A28074, 5  $\mu$ l/Test), ABflo® 450 Rabbit anti-Human/Monkey CD19 mAb (A27286, 5  $\mu$ l/Test) and ABflo® 700 Rabbit IgG isotype control (A25976, 5  $\mu$ l/Test, left) or ABflo® 700 Rabbit anti-Human/Monkey IgD mAb (A26482, 5  $\mu$ l/Test, right). Cells in the CD11b- gate were used for analysis.



Flow cytometry:  $1 \times 10^6$  Jurkat cells (negative control, left) and Human PBMC (right) were surface-stained with ABflo® 700 Rabbit anti-Human IgD mAb (A26482, 5  $\mu$ l/Test, orange line) or ABflo® 700 Rabbit IgG isotype control (A25976, 5  $\mu$ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry:  $1 \times 10^6$  Human PBMC were surface-stained with ABflo® 700 Rabbit IgG isotype control (A25976, 5  $\mu$ l/Test, left) or ABflo® 700 Rabbit anti-Human IgD mAb (A26482, 5  $\mu$ l/Test, right).