

# ABflo® 488 Rabbit anti-Human TLR1 mAb

Catalog No.: A26257

## Basic Information

### Observed MW

### Calculated MW

90kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Human

### CloneNo number

ARC68825-ABflo488

### Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

## Recommended Dilutions

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

## Background

The protein encoded by this gene is a member of the Toll-like receptor (TLR) family which plays a fundamental role in pathogen recognition and activation of innate immunity. TLRs are highly conserved from *Drosophila* to humans and share structural and functional similarities. They recognize pathogen-associated molecular patterns (PAMPs) that are expressed on infectious agents, and mediate the production of cytokines necessary for the development of effective immunity. The various TLRs exhibit different patterns of expression. This gene is ubiquitously expressed, and at higher levels than other TLR genes. Different length transcripts presumably resulting from use of alternative polyadenylation site, and/or from alternative splicing, have been noted for this gene.

## Immunogen Information

### Gene ID

7096

### Swiss Prot

Q15399

### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 325-424 of human TLR1 (NP\_003254.2).

### Synonyms

TIL; CD281; rsc786; TIL. LPRS5

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

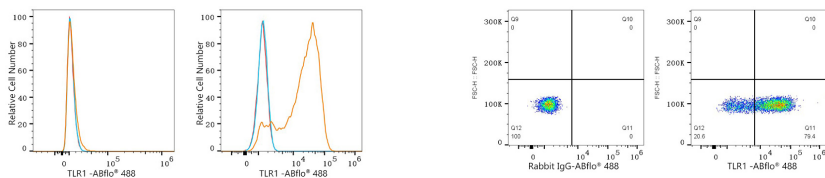
Affinity purification

### Storage

Store at 2-8°C. Avoid freeze.

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

## Validation Data



Flow cytometry:  $1 \times 10^6$  RT4 cells (negative control, left) and Human PBMC cells (right) were surface-stained with ABflo® 488 Rabbit anti-Human TLR1 mAb (A26257, 5  $\mu$ l/Test, orange line) or ABflo® 488 Rabbit IgG isotype control (A22069, 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 cells were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069, 5  $\mu$ l/Test, left) or ABflo® 488 Rabbit anti-Human TLR1 mAb (A26257, 5  $\mu$ l/Test, right).