

# ABflo® 488 Rabbit anti-Human CD71 mAb

Catalog No.: A22301 **2 Publications**

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

85kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Human

### CloneNo number

ARC54394-ABf488

### Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

## Recommended Dilutions

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

## Background

This gene encodes a cell surface receptor necessary for cellular iron uptake by the process of receptor-mediated endocytosis. This receptor is required for erythropoiesis and neurologic development. Multiple alternatively spliced variants have been identified.

## Immunogen Information

### Gene ID

7037

### Swiss Prot

P02786

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 100-250 of human CD71 (NP\_003225.2).


### Synonyms

T9; TR; TFR; p90; CD71; TFR1; TRFR; IMD46

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

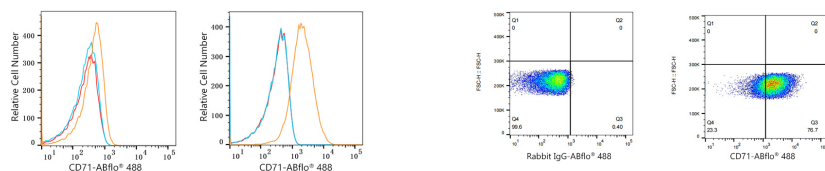
Affinity purification

### Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.03% proclin300, 0.2% BSA, pH7.3.

## Validation Data



Flow cytometry:  $1 \times 10^6$  SH-SY5Y cells (Low Expression, left) and K-562 cells (right) were surface-stained with ABflo® 488 Rabbit anti-Human CD71 mAb (A22301, 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:  $1 \times 10^6$  K-562 cells were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069, 5  $\mu$ l/Test, left) or ABflo® 488 Rabbit anti-Human CD71 mAb (A22301, 5  $\mu$ l/Test, right).