

A24932

Leader in Biomolecular Solutions for Life Science



# ABflo® 488 Rabbit anti-Human CD98 mAb

Catalog No.: A24932

## Basic Information

### Observed MW

### Calculated MW

57kDa/61kDa/67kDa/68kDa/71kDa

### Category

SMab Recombinant Monoclonal  
Antibody

### Applications

FC

### Cross-Reactivity

Human

### CloneNo number

ARC64398-ABflo488

### Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

## Recommended Dilutions

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

## Contact



[www.abclonal.com](http://www.abclonal.com)

## Background

This gene is a member of the solute carrier family and encodes a cell surface, transmembrane protein. The protein exists as the heavy chain of a heterodimer, covalently bound through di-sulfide bonds to one of several possible light chains. The encoded transporter plays a role in regulation of intracellular calcium levels and transports L-type amino acids. Alternatively spliced transcript variants, encoding different isoforms, have been characterized.

## Immunogen Information

### Gene ID

6520

### Swiss Prot

P08195

### Immunogen

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

### Synonyms

4F2; CD98; MDU1; 4F2HC; 4T2HC; NACAE; CD98HC

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

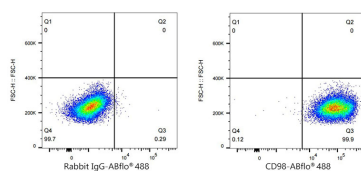
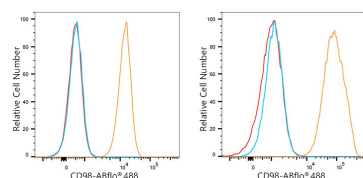
Affinity purification

### Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## Validation Data



Flow cytometry:  $1 \times 10^6$  SH-SY5Y cells (Low Expression, left) and HeLa cells (right) were surface-stained with ABflo® 488 Rabbit anti-Human CD98 mAb (A24932, 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:  $1 \times 10^6$  HeLa cells were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069, 5  $\mu$ l/Test, left) or ABflo® 488 Rabbit anti-Human CD98 mAb (A24932, 5  $\mu$ l/Test, right).