

# ABflo® 488 Rabbit anti-Human CD7 mAb

Catalog No.: A22193

## Basic Information

### Observed MW

**Calculated MW**  
25kDa

**Category**  
Primary antibody

**Applications**  
FC

**Cross-Reactivity**  
Human

**CloneNo number**  
ARC54668-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 transmembrane protein which is a member of the immunoglobulin superfamily. This protein is found on thymocytes and mature T cells. It plays an essential role in T-cell interactions and also in T-cell/B-cell interaction during early lymphoid development.

## Immunogen Information

Gene ID	Swiss Prot
924	P09564

**Immunogen**  
Recombinant fusion protein containing a sequence corresponding to amino acids 26-180 of human CD7 (NP\_006128.1).

**Synonyms**  
GP40; TP41; Tp40; LEU-9

## Contact

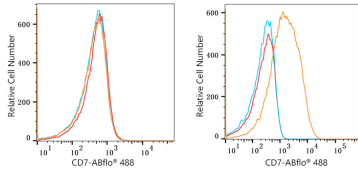
☎	400-999-6126
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## Product Information

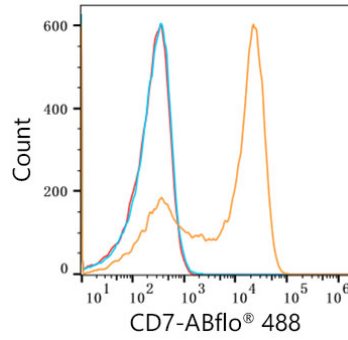
Source	Isotype	Purification
Rabbit	IgG	Affinity purification

**Storage**  
Store at 2-8°C. Avoid freeze.  
Buffer: PBS with 0.03% proclin300,0.2% BSA,pH7.3.

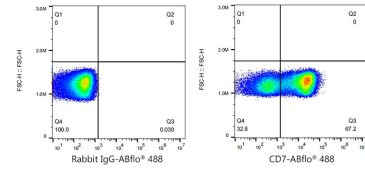
## Validation Data



Flow cytometry:  $1 \times 10^6$  A549 cells (negative control, left) and MOLT-4 cells (right) were surface-stained with ABflo® 488 Rabbit anti-Human CD7 mAb (A22193, 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 were surface-stained with ABflo® 488 Rabbit anti-Human CD7 mAb (A22193, 5  $\mu$ l/Test, orange line) or ABflo® 488 Rabbit IgG isotype control (A22069, 5  $\mu$ l/Test, blue line). Non-fluorescently stained Human PBMC was 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 CD7 mAb (A22193, 5  $\mu$ l/Test, right).