

# Biotin Rabbit anti-Human CD7 mAb

Catalog No.: A27378

## Basic Information

### Observed MW

**Calculated MW**  
25kDa

**Category**  
Primary antibody

**Applications**  
FC

**Cross-Reactivity**  
Human

**CloneNo number**  
ARC54668

**Conjugate**  
Biotin

## Recommended Dilutions

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

<b>Gene ID</b> 924	<b>Swiss Prot</b> P09564
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### Immunogen

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

### Synonyms

GP40; TP41; Tp40; LEU-9

## Contact

 | 400-999-6126

 | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

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

## Product Information

<b>Source</b> Rabbit	<b>Isotype</b> IgG	<b>Purification</b> Affinity purification
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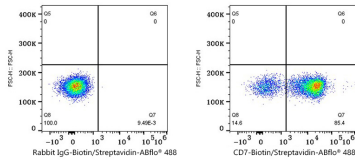
### Storage

Store at 2-8°C. Avoid freeze.

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

## Validation Data

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Flow cytometry: 1X10<sup>6</sup> Human PBMC were surface-stained with Biotin Rabbit IgG isotype control (A25626, 5 µl/Test, left) or Biotin Rabbit anti-Human CD7 mAb (A27378, 5 µl/Test, right), followed by ABflo® 488 Streptavidin staining. Cells in the lymphocyte gate were used for analysis.