

# APC/Cyanine7 Rabbit anti-Human CD366/TIM-3/HAVCR2 mAb

Catalog No.: A27535

## Basic Information

### Observed MW

### Calculated MW

33kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Human

### CloneNo number

ARC54204

### Conjugate

APC-Cy7. Ex:651nm. Em:779nm.

## Recommended Dilutions

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

## Background

The protein encoded by this gene belongs to the immunoglobulin superfamily, and TIM family of proteins. CD4-positive T helper lymphocytes can be divided into types 1 (Th1) and 2 (Th2) on the basis of their cytokine secretion patterns. Th1 cells are involved in cell-mediated immunity to intracellular pathogens and delayed-type hypersensitivity reactions, whereas, Th2 cells are involved in the control of extracellular helminthic infections and the promotion of atopic and allergic diseases. This protein is a Th1-specific cell surface protein that regulates macrophage activation, and inhibits Th1-mediated auto- and alloimmune responses, and promotes immunological tolerance.

## Immunogen Information

### Gene ID

84868

### Swiss Prot

Q8TDQ0

### Immunogen

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

### Synonyms

TIM3; CD366; KIM-3; SPTCL; TIMD3; Tim-3; TIMD-3; HAVcr-2

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

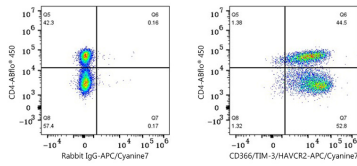
### Storage

Store at 2-8°C. Avoid freeze.

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

## Validation Data

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Flow cytometry:  $1 \times 10^6$  Human PBMC (treated with 5  $\mu\text{g}/\text{mL}$  PHA for 72 hours) were surface-stained with ABflo® 450 Rabbit anti-Human/Monkey CD4 mAb (A26523, 5  $\mu\text{l}/\text{Test}$ ) and APC/Cyanine7 Rabbit IgG isotype control (5  $\mu\text{l}/\text{Test}$ , left) or APC/Cyanine7 Rabbit anti-Human CD366/TIM-3/HAVCR2 mAb (A27535, 5  $\mu\text{l}/\text{Test}$ , right). Cells in the lymphocyte gate were used for analysis.