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# APC/Cyanine7 Rabbit anti-Human 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.

## 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.

## Recommended Dilutions

| | |
|---|---|
| **FC** | 5 µl per 10^6 cells in 100 µl volume |

## 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

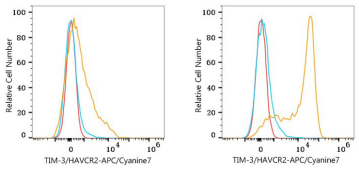
**Source**
Rabbit

**Isotype**
IgG

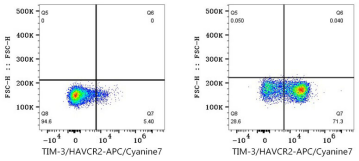
**Purification**
Affinity purification

**Storage**
Store at 2-8℃. Avoid freeze.
Buffer: PBS with 0.09% Sodium azide,0.2% BSA,pH7.3.

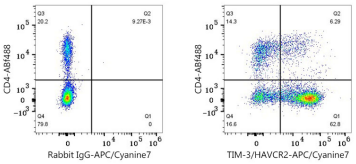
## Validation Data



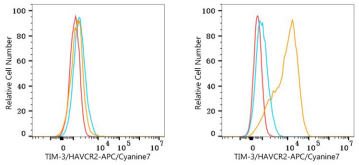

Flow cytometry: 1X10^6 Human PBMC (untreated,left) and Human PBMC (treated with PHA ,right) were surface-stained with APC/Cyanine7 Rabbit anti-Human TIM-3/HAVCR2 mAb (A27535,5 µl/Test,orange line) or APC/Cyanine7 Rabbit IgG isotype control (5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line). Cells in the lymphocyte gate were used for analysis.



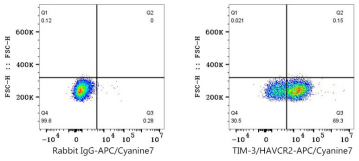

Flow cytometry: 1X10^6 Human PBMC (untreated,left) and Human PBMC (treated with PHA,right) were surface-stained with APC/Cyanine7 Rabbit anti-Human TIM-3/HAVCR2 mAb (A27535,5 µl/Test). Cells in the lymphocyte gate were used for analysis.




Flow cytometry:1X10^6 Human PBMC (treated with PHA) were surface-stained with ABflo® 488 Rabbit anti-Human CD4 mAb (A26597,5 µl/Test) and APC/Cyanine7 Rabbit IgG isotype control (5 µl/Test,left) or APC/Cyanine7 Rabbit anti-Human TIM-3/HAVCR2 mAb (A27535,5 µl/Test,right). Cells in the lymphocyte gate were used for analysis.




Flow cytometry: 1X10^6 MCF7 cells (negative control,left) and Daudi cells (right) were surface-stained with APC/Cyanine7 Rabbit anti-Human TIM-3/HAVCR2 mAb (A27535,5 µl/Test,orange line) or APC/Cyanine7 Rabbit IgG isotype control (5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).




Flow cytometry: 1X10^6 Daudi cells were surface-stained with APC/Cyanine7 Rabbit IgG isotype control (5 µl/Test,left) or APC/Cyanine7 Rabbit anti-Human TIM-3/HAVCR2 mAb (A27535,5 µl/Test,right).