

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.

Recommended Dilutions

FC 5 μ l per 10^6 cells in
100 μ 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

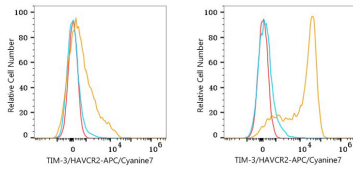
Affinity purification

Storage

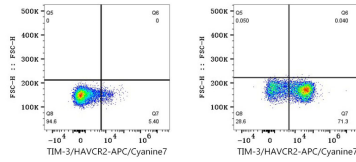
Store at 2-8°C. Avoid freeze.

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

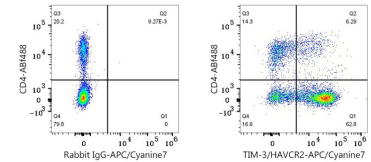
Validation Data



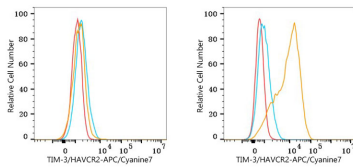
Flow cytometry: 1×10^6 Human PBMC (untreated, left) and Human PBMC (treated with PHA, right) were surface-stained with APC/Cyanine7 Rabbit anti-Human TIM-3/HAVCR2 mAb (A27535, 5 μ l/Test, orange line) or APC/Cyanine7 Rabbit IgG isotype control (5 μ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line). Cells in the lymphocyte gate were used for analysis.



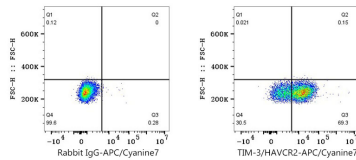
Flow cytometry: 1×10^6 Human PBMC (untreated, left) and Human PBMC (treated with PHA, right) were surface-stained with APC/Cyanine7 Rabbit anti-Human TIM-3/HAVCR2 mAb (A27535, 5 μ l/Test). Cells in the lymphocyte gate were used for analysis.



Flow cytometry: 1×10^6 Human PBMC (treated with PHA) were surface-stained with ABflo® 488 Rabbit anti-Human CD4 mAb (A26597, 5 μ l/Test) and APC/Cyanine7 Rabbit IgG isotype control (5 μ l/Test, left) or APC/Cyanine7 Rabbit anti-Human TIM-3/HAVCR2 mAb (A27535, 5 μ l/Test, right). Cells in the lymphocyte gate were used for analysis.



Flow cytometry: 1×10^6 MCF7 cells (negative control, left) and Daudi cells (right) were surface-stained with APC/Cyanine7 Rabbit anti-Human TIM-3/HAVCR2 mAb (A27535, 5 μ l/Test, orange line) or APC/Cyanine7 Rabbit IgG isotype control (5 μ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1×10^6 Daudi cells were surface-stained with APC/Cyanine7 Rabbit IgG isotype control (5 μ l/Test, left) or APC/Cyanine7 Rabbit anti-Human TIM-3/HAVCR2 mAb (A27535, 5 μ l/Test, right).