ABclonal Technology®
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ABflo® 488 Rabbit anti-Human TIM-3/HAVCR2 mAb

Catalog No.: A22158

Basic Information

Observed MW
Refer to figures

Calculated MW
33kDa

Category
Primary antibody

Applications
FC

Cross-Reactivity
Human

CloneNo number
ARC54204

Conjugate
ABflo® 488. Ex:491nm. Em:516nm.

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   **Swiss Prot**
84868   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

☎ | 400-999-6126

✉ | cn.market@abclonal.com.cn

🌐 | www.abclonal.com.cn

Product Information

Source   **Isotype**   **Purification**
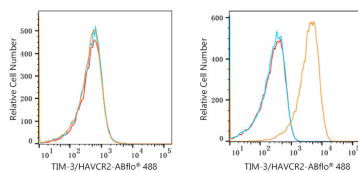Rabbit   IgG   Affinity purification

Storage
Store at 2-8℃. Avoid freeze.
Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data

Flow cytometry:1X10^6 MCF7 cells (negative control,left) and Daudi cells (right) were surface-stained with ABflo® 488 Rabbit anti-Human TIM-3/HAVCR2 mAb(A22158,5 µl/Test,orange line) or ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).