Product datasheet for TA812563S

TIM 3 (HAVCR2) Mouse Monoclonal Antibody [Clone ID: OTI2C11]

Product data:

Product Type: Primary Antibodies
Clone Name: OTI2C11
Applications: FC
Recommend Dilution: FLOW 1:100
Reactivity: Human
Host: Mouse
Isotype: IgG1
Clonality: Monoclonal
Immunogen: Full length human recombinant protein of human HAVCR2 (NP_116171) produced in HEK293T cell.
Formulation: PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration: 1 mg/ml
Purification: Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Storage: Store at -20°C as received.
Stability: Stable for 12 months from date of receipt.
Predicted Protein Size: 33.2 kDa
Gene Name: hepatitis A virus cellular receptor 2
Database Link: NP_116171 Entrez Gene 84868 Human
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. [provided by RefSeq, Sep 2011]
Synonyms: CD366; HAVcr-2; KIM-3; SPTCL; Tim-3; TIM3; TIMD-3; TIMD3
Protein Families: Druggable Genome, Transmembrane

Product images:

Flow cytometric analysis of living 293T cells transfected with HAVCR2 overexpression plasmid ([RC209440]), Red/empty vector ([PS100001], Blue) using anti-HAVCR2 antibody ([TA812563]). Cells incubated with a non-specific antibody (Green) were used as isotype control (1:100).

Flow cytometric analysis of living PBMCs treated with 10ug/ml PHA for 72h (Right)/untreated (Left) using anti-HAVCR2 antibody ([TA812563]) (1:100).

Flow cytometric analysis of living PBMCs treated with 10ug/ml PHA for 72h (Right) using anti-HAVCR2 antibody ([TA812563]). Cells incubated with a non-specific antibody (Left) were used as isotype control (1:100).