bs-8766R

[Primary Antibody]

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HAVCR2/TIM-3 Rabbit pAb

DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GeneID: 84868 SWISS: Q8TDQ0

Target: HAVCR2/TIM-3

Immunogen: Recombinant human TIM-3 protein: 22-200/301. < Extracellular >

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

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 delayedtype 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 Th1specific cell surface protein that regulates macrophage activation, and inhibits Th1-mediated auto- and alloimmune responses, and promotes immunological tolerance. [provided by RefSeq, Sep

2011]

Applications: WB (1:500-2000)

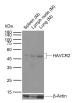
Flow-Cyt (1ug/Test) **ICC/IF** (1:50-200) **ELISA** (1:5000-10000)

Reactivity: Mouse (predicted: Human)

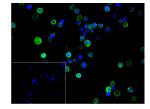
Predicted 29 kDa

Subcellular Cell membrane

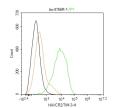
VALIDATION IMAGES



25 ug total protein per lane of various lysates (see on figure) probed with HAVCR2 polyclonal antibody, unconjugated (bs-8766R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



4% Paraformaldehyde-fixed Daudi (H) cell; Antibody incubation with (HAVCR2/TIM-3) polyclonal Antibody, unconjugated (bs-8766R) 1:100, 90 min at 37°C; followed by conjugated Goat Anti-Rabbit IgG antibody (green, bs-60295G-BF488) at 37°C for 90 min, DAPI (blue, C02-04002) was used to stain the cell nuclei. PBS instead of the primary antibody was used as the blank control.



The Daudi (H) cells were incubated in 5%BSA to block non-specific protein-protein interactions (30 min at r.t.), followed by secondary antibody incubation for 40 min at room temperature. Primary Antibody (green): Rabbit Anti-HAVCR2/TIM-3 antibody (bs-8766R): 1 μg/10^6 cells; Isotype Control (orange): Rabbit IgG (bs-0295P). Blank control (black): PBS. Acquisition of 20,000 events was performed.

SELECTED CITATIONS —

- [IF=19] Bingchen Zhang, et al. Precise RNA Editing: Cascade Self-Uncloaking Dual-Prodrug Nanoassemblies Based on CRISPR/Cas13a for Pleiotropic Immunotherapy of PD-L1-Resistant Colorectal Cancer. ADV FUNCT MATER. 2023 Sep;:2305630 WB; Mouse. 10.1002/adfm.202305630
- [IF=6.8] Qiong Ning. et al. Tim-3 facilitates immune escape in benzene-induced acute myeloid leukemia mouse model by promoting macrophage M2 polarization. ECOTOX ENVIRON SAFE. 2023 Nov;266:115532 IF; Mouse. 37806131
- [IF=3.542] Guo Y et al. Tim-3 exacerbates kidney ischaemia/reperfusion injury through the TLR-4/NF-kB signalling

pathway and an NLR-C4 inflammasome activation. Clinical & Experimental Immunology, 2018 193(1), 113–129. IF ; Mouse. 10.1111/cei.13126

- [IF=3.743] Zhu G et al. ShenQi FuZheng Injection ameliorates fatigue-like behavior in mouse models of cancer-related fatigue. Biomed Pharmacother. 2019 Mar;111:1376-1382. IHC; Mouse. 30841452
- [IF=4.068] Li Wang. et al. Radiotherapy upregulated immune checkpoints contribute to the development of second primary OSCC. ORAL DIS. 2023 May;: WB; Rat. 37213085