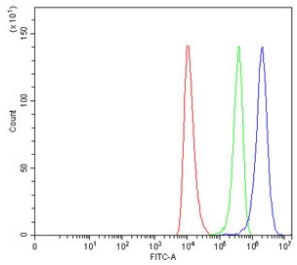
HAVCR2 Antibody / TIM-3 (RQ7228)

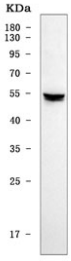
Catalog No.	Formulation	Size
RQ7228	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q8TDQ0
Applications	0.5-1ug/ml1-3ug/million cells0.1-0.5ug/ml
Limitations	This HAVCR2 antibody is available for research use only.



Flow cytometry testing of human HEL cells with HAVCR2 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= HAVCR2 antibody.



Western blot testing of human Daudi cell lysate with HAVCR2 antibody. Expected molecular weight: 33-70 kDa depending on glycosylation level.

Description

Hepatitis A virus cellular receptor 2 (HAVCR2), also known as T-cell immunoglobulin and mucin-domain containing-3 (TIM-3), is a protein that in humans is encoded by the HAVCR2 gene. 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.

Application Notes

Optimal dilution of the HAVCR2 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids S22-P301) was used as the immunogen for the HAVCR2 antibody.

Storage

After reconstitution, the HAVCR2 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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