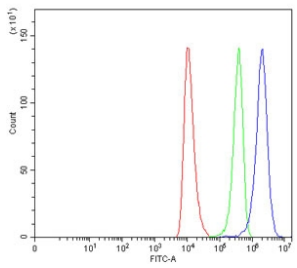
HAVCR2 Polyclonal Antibody / TIM-3 (RQ7228)

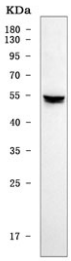
Catalog No.	Formulation	Size
RQ7228	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

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	Western blot: 0.5-1ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This HAVCR2 Polyclonal Antibody is available for research use only.



Flow cytometry testing of human HEL cells with HAVCR2 Polyclonal 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.

Explore our TIM-3 antibody for additional research into immune checkpoint regulation, lymphocyte differentiation and antitumor immune responses.

Application Notes

Optimal dilution of the HAVCR2 Polyclonal 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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