

TIM 3 (PT1293R) PT™ Rabbit mAb

CatalogNo: YM9135 **Recombinant** 

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, IHC, IF, IP, ELISA

MW

- 33kD (Calculated)
80kD (Observed)

Isotype

- IgG, Kappa

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)**Formulation** PBS, 50% glycerol, 0.05% Proclin 300, 0.05% BSA

Recommended Dilution Ratios

IHC 1:200-1:1000**WB 1:1000-1:5000****IF 1:200-1:1000****ELISA 1:5000-1:20000****IP 1:50-1:200**

Basic Information

Clonality Monoclonal**Clone Number** PT1293R

Immunogen Information

Specificity Endogenous

| Target Information

Gene name HAVCR2 TIM3 TIMD3

Protein Name Hepatitis A virus cellular receptor 2 (HAVcr-2) (T-cell immunoglobulin and mucin domain-containing protein 3) (TIMD-3) (T-cell membrane protein 3) (TIM-3)

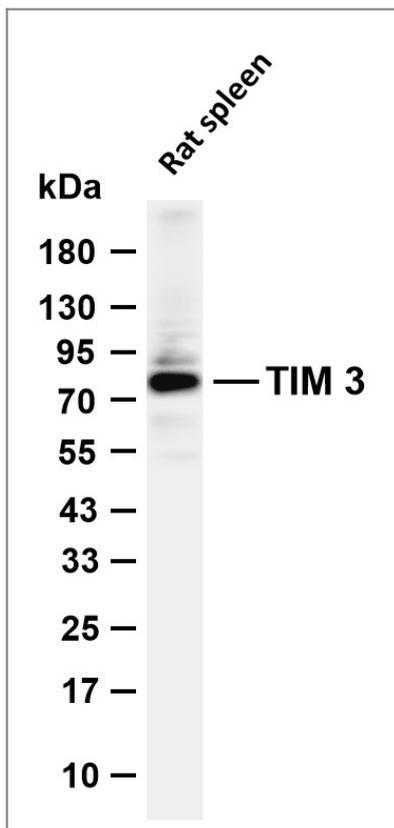
Organism	Gene ID	UniProt ID
Human	84868 ;	Q8TDQ0 ;
Mouse		Q8VIM0 ;

Cellular Localization Membrane ; Single-pass type I membrane protein . Cell junction . Cell membrane . Localizes to the immunological synapse between CD8+ T-cells and target cells. .

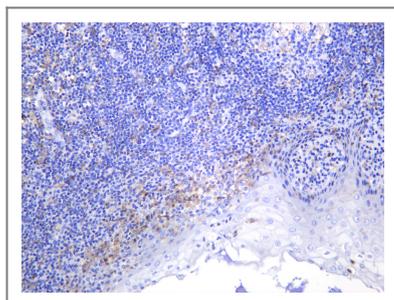
Tissue specificity Expressed in T-helper type 1 (Th1) lymphocytes. Expressed on regulatory T (Treg) cells after TCR stimulation. Expressed in dendritic cells and natural killer (NK) cells. Expressed in epithelial tissues. Expression is increased on CD4+ and CD8+ T-cells in chronic hepatitis C virus (HCV) infection. In progressive HIV-1 infection, expression is up-regulated on HIV-1-specific CD8 T-cells.

Function Disease:Genetic variation in HAVCR2 may influence susceptibility to rheumatoid arthritis (RA) [MIM:180300]. RA is an inflammatory disease, primarily of the joints, with autoimmune features and a complex genetic component. It is characterized by inflammation of synovial tissues and the formation of rheumatoid pannus, which is capable of eroding adjacent cartilage and bone, causing subsequent joint destruction.,Function:Regulates macrophage activation. Inhibits T-helper type 1 lymphocyte (Th1)-mediated auto- and alloimmune responses and promotes immunological tolerance. May be also involved in T-cell homing. Receptor for LGALS9.,similarity:Belongs to the immunoglobulin superfamily. TIM family.,similarity:Contains 1 Ig-like V-type (immunoglobulin-like) domain.,tissue specificity:T-helper type 1 lymphocyte (Th1)-specific.,

| Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-TIM 3 (PT1293R) antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: Rat spleen Predicted band size: 33kDa Observed band size: 80kDa



Human tonsil was stained with anti-TIM 3 (PT1293R) Rabbit antibody

Contact information

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Please scan the QR code to access additional product information:
TIM 3 (PT1293R)
PT™ Rabbit mAb

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