

Goat Anti-TIM-1 Antibody (internal region)
Purified Goat Polyclonal Antibody
Catalog # AF4230a**Specification**

Goat Anti-TIM-1 Antibody (internal region) - Product Information

Application	WB
Primary Accession	O96D42
Reactivity	Human
Predicted	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5
Calculated MW	39250

Goat Anti-TIM-1 Antibody (internal region) - Additional Information**Gene ID** 26762**Other Names**

HAVCR1; hepatitis A virus cellular receptor 1; HAVCR; HAVCR-1; KIM-1; KIM1; TIM; TIM-1; TIM1; TIMD-1; TIMD1; OTTHUMP00000224005; OTTHUMP00000224052; OTTHUMP00000224053; T cell immunoglobulin domain and mucin domain protein 1; T-cell membrane protein 1; kidney injury molecule 1

Format

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.

Immunogen

Peptide with sequence C-THVTYRKDTRYK, from the internal region of the protein sequence according to NP_036338.2.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat Anti-TIM-1 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-TIM-1 Antibody (internal region) - Protein Information**Name** HAVCR1**Synonyms** KIM1, TIM1, TIMD1

Function

Phosphatidylserine receptor that plays an important functional role in regulatory B-cells homeostasis including generation, expansion and suppressor functions (By similarity). As P-selectin/SELPLG ligand, plays a specialized role in activated but not naive T-cell trafficking during inflammatory responses (PubMed:24703780). Controls thereby T-cell accumulation in the inflamed central nervous system (CNS) and the induction of autoimmune disease (PubMed:24703780). Regulates also expression of various anti-inflammatory cytokines and co-inhibitory ligands including IL10 (By similarity). Acts as a regulator of T-cell proliferation (By similarity). May play a role in kidney injury and repair (PubMed:17471468).

Cellular Location

Cell membrane; Single-pass type I membrane protein

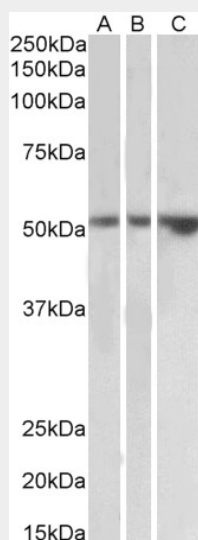
Tissue Location

Widely expressed, with highest levels in kidney and testis. Expressed by activated CD4+ T-cells during the development of helper T-cells responses.

Goat Anti-TIM-1 Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Goat Anti-TIM-1 Antibody (internal region) - Images

AF4230a (2 µg/ml) staining of Kidney (A), Testis (B) and Uterus (C) lysates (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Goat Anti-TIM-1 Antibody (internal region) - References

T-cell immunoglobulin and mucin domain 1 (TIM-1) is a receptor for Zaire Ebolavirus and Lake Victoria Marburgvirus. Kondratowicz AS, Lennemann NJ, Sinn PL, Davey RA, Hunt CL, Moller-Tank S, Meyerholz DK, Rennert P, Mullins RF, Brindley M, Sandersfeld LM, Quinn K, Weller M, McCray PB Jr, Chiorini J, Maury W. Proc Natl Acad Sci U S A. 2011 May 17;108(20):8426-31.