

**HAVCR1 Antibody (monoclonal) (M01)****Mouse monoclonal antibody raised against a partial recombinant HAVCR1.****Catalog # AT2318a****Specification**

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**HAVCR1 Antibody (monoclonal) (M01) - Product Information**

Application	WB, E
Primary Accession	<a href="#">O96D42</a>
Other Accession	<a href="#">NM_012206</a>
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	39250

**HAVCR1 Antibody (monoclonal) (M01) - Additional Information****Gene ID** 26762**Other Names**

Hepatitis A virus cellular receptor 1, HAVcr-1, Kidney injury molecule 1, KIM-1, T-cell immunoglobulin and mucin domain-containing protein 1, TIMD-1, T-cell immunoglobulin mucin receptor 1, TIM, TIM-1, T-cell membrane protein 1, HAVCR1, KIM1, TIM1, TIMD1

**Target/Specificity**

HAVCR1 (NP\_036338, 23 a.a. ~ 122 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Dilution**

WB~~1:500~1000

**Format**

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

**Storage**

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Precautions**

HAVCR1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

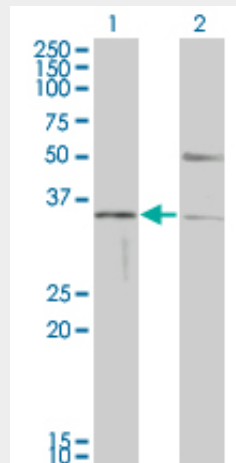
**HAVCR1 Antibody (monoclonal) (M01) - Protocols**

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](#)

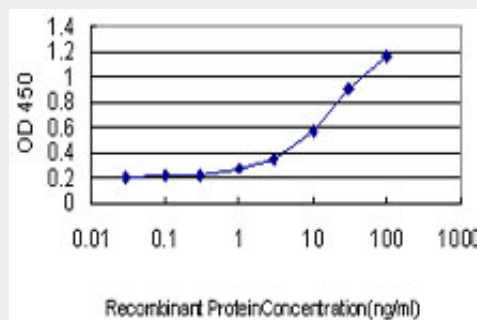
### HAVCR1 Antibody (monoclonal) (M01) - Images



Western Blot analysis of HAVCR1 expression in transfected 293T cell line by HAVCR1 monoclonal antibody (M01), clone 1E5.

Lane 1: HAVCR1 transfected lysate(38.72 KDa).

Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged HAVCR1 is approximately 1ng/ml as a capture antibody.

### HAVCR1 Antibody (monoclonal) (M01) - Background

The protein encoded by this gene is a membrane receptor for both human hepatitis A virus (HHAV) and TIMD4. The encoded protein may be involved in the moderation of asthma and allergic diseases. The reference genome represents an allele that retains a MTTVP amino acid segment that confers protection against atopy in HHAV seropositive individuals. Three transcript variants encoding the same protein have been found for this gene.

### HAVCR1 Antibody (monoclonal) (M01) - References

Evaluating the discriminative power of multi-trait genetic risk scores for type 2 diabetes in a northern Swedish population. Fontaine-Bisson B, et al. Diabetologia, 2010 Oct. PMID

20571754. Identification of HAVCR1 gene haplotypes associated with mRNA expression levels and susceptibility to autoimmune diseases. Garcia-Lozano JR, et al. Hum Genet, 2010 Aug. PMID 20549518. Interleukin-9 polymorphism in infants with respiratory syncytial virus infection: an opposite effect in boys and girls. Schuurhof A, et al. Pediatr Pulmonol, 2010 Jun. PMID 20503287. TIM1 haplotype may control the disease progression to AIDS in a HIV-1-infected female cohort in Thailand. Wichukchinda N, et al. AIDS, 2010 Jul 17. PMID 20479636. Large-scale candidate gene analysis of spontaneous clearance of hepatitis C virus. Mosbruger TL, et al. J Infect Dis, 2010 May 1. PMID 20331378.