

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

#### **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.

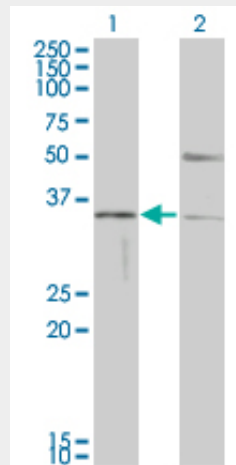
#### **HAVCR1 Antibody (monoclonal) (M01) - Protocols**

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](#)

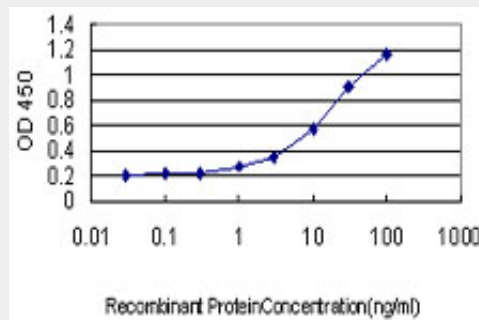
### HAVCR1 Antibody (monoclonal) (M01) - Images



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. Mosbrugger TL, et al. J Infect Dis, 2010 May 1. PMID 20331378.