

# HAVCR1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant HAVCR1.

Catalog # AT2318a

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">Q96D42</a>
<b>Other Accession</b>	<a href="#">NM_012206</a>
<b>Reactivity</b>	Human
<b>Host</b>	Mouse
<b>Clonality</b>	monoclonal
<b>Isotype</b>	IgG2a Kappa
<b>Clone Names</b>	1E6
<b>Calculated MW</b>	39250

## Additional Information

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<b>Gene ID</b>	26762
<b>Other Names</b>	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
<b>Target/Specificity</b>	HAVCR1 (NP_036338, 23 a.a. ~ 122 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Dilution</b>	WB~~1:500~1000 E~~N/A
<b>Format</b>	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Precautions</b>	HAVCR1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

## Background

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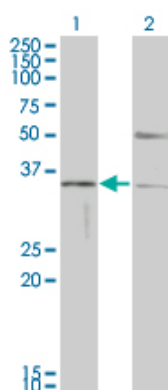
The protein encoded by this gene is a membrane receptor for both human hepatitis A virus (HHAV) and TIMD4. The encoded protein may be involved in the moderation of asthma and allergic diseases. The reference genome represents an allele that retains a MTTVP amino acid segment that confers protection against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

## References

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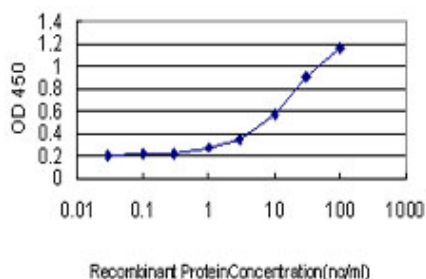
Evaluating the discriminative power of multi-trait genetic risk scores for type 2 diabetes in a northern Swedish population. Fontaine-Bisson B, et al. *Diabetologia*, 2010 Oct. PMID 20571754. Identification of HAVCR1 gene haplotypes associated with mRNA expression levels and susceptibility to autoimmune diseases. Garc a-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.

## 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 1 ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.