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HAVCR1 Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a partial recombinant HAVCR1.
Catalog # AT2319a

Product Information

Application	WB, E
Primary Accession	Q96D42
Other Accession	NM_012206
Reactivity	Human
Host	Mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	2B9
Calculated MW	39250

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 E~~N/A
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) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

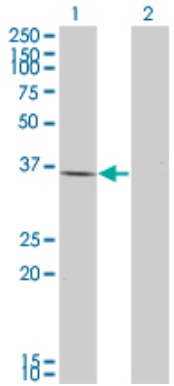
Background

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.

References

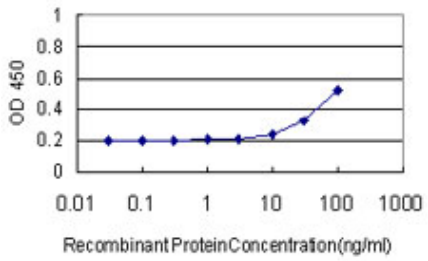
Evaluating the discriminative power of multi-trait genetic risk scores for type 2 diabetes in a northern Swedish population. Fontaine-Bisson B, et al. Diabetologia, 2010 Oct. PMID 20571754. Identification of HAVCR1 gene haplotypes associated with mRNA expression levels and susceptibility to autoimmune diseases. 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 (M02), clone 2B9.

Lane 1: HAVCR1 transfected lysate(38.72 KDa).
Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged HAVCR1 is approximately 10ng/ml as a capture antibody.

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