

## ARG22598 anti-TIM1 / KIM1 antibody [RMT1-10]

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Rat Monoclonal antibody [RMT1-10] recognizes TIM1 / KIM1
Tested Reactivity	Ms
Tested Application	ELISA, FACS, ICC/IF
Host	Rat
Clonality	Monoclonal
Clone	RMT1-10
Isotype	IgG2a
Target Name	TIM1 / KIM1
Species	Mouse
Immunogen	Full-length mouse Tim-1-Ig, containing both the IgV and mucin domains of Tim-1.
Conjugation	Un-conjugated
Alternate Names	KIM-1; TIM1; TIM-1; TIMD-1; HAVcr-1; KIM1; HAVCR; TIMD1; CD365; T-cell immunoglobulin and mucin domain-containing protein 1; TIM; HAVCR-1; T-cell immunoglobulin mucin receptor 1; T-cell membrane protein 1; Kidney injury molecule 1; Hepatitis A virus cellular receptor 1

### Application Instructions

Application table	Application	Dilution
	ELISA	Assay-dependent
	FACS	Neat - 1:10
	ICC/IF	Assay-dependent
Application Note	FACS: Use 10ul of the suggested working dilution to label 10 <sup>6</sup> cells in 100ul. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS and 0.09% Sodium azide
Preservative	0.09% Sodium azide
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

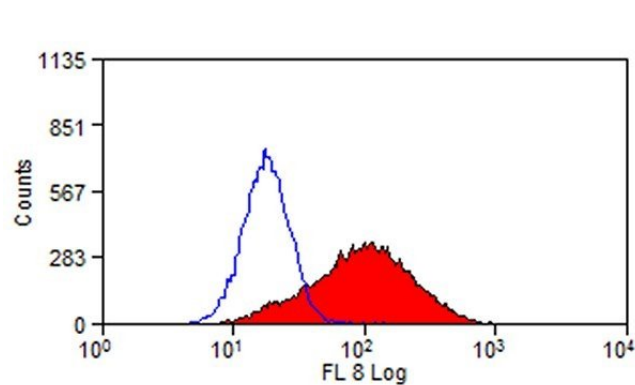
#### Note

For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

Gene Symbol	Havcr1
Gene Full Name	hepatitis A virus cellular receptor 1
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. Alternative splicing of this gene results in multiple transcript variants. Related pseudogenes have been identified on chromosomes 4, 12 and 19. [provided by RefSeq, Apr 2015]
Function	May play a role in T-helper cell development and the regulation of asthma and allergic diseases. Receptor for TIMD4 (By similarity). In case of human hepatitis A virus (HHAV) infection, functions as a cell-surface receptor for the virus. May play a role in kidney injury and repair. [UniProt]
Calculated Mw	39 kDa

## Images



ARG22598 anti-TIM1 / KIM1 antibody [RMT1-10] FACS image

Flow Cytometry: TIM-1 transfected NRK cells stained with ARG22598 anti-TIM1 / KIM1 antibody [RMT1-10].