

## Anti-TIM-1/KIM-1/HAVCR1 Antibody (9S145)

## Product Details

Ig Type:	Rabbit IgG
Reactivity:	Canine
Conjugation:	Unconjugated
Clone:	9S145
Purification:	Protein A

## Applications

Verified Activity:	Immunochemical staining of Canine KIM1 in canine kidney with rabbit monoclonal antibody (1:2000, formalin-fixed paraffin embedded sections).
Application:	ELISA,IHC-P
Recommended	ELISA: 1:5000-1:10000; IHC-P: 1:1000-1:4000

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	Recombinant Protein: Canine HAVCR1 protein (TMPY-01350)
Antigen Species:	Canine
Synonyms:	hepatitis A virus cellular receptor 1

## Research Background

HAV cellular receptor 1 (HAVCR1), also known as Kidney injury molecule 1 (KIM-1) and T cell immunoglobulin mucin 1 (TIM-1), is a type of integral membrane glycoprotein. KIM-1 protein is widely expressed with the highest levels in the kidney and testis. It has been shown to play a major role as a human susceptibility gene for asthma, allergy, and autoimmunity. IgA1lambda is a specific ligand of KIM-1 protein and that their association has a synergistic effect in virus-receptor interactions. KIM-1 involves in the pathogenesis of acute kidney injury. It had been confirmed that KIM-1 is a human urinary renal dysfunction biomarker. Moreover, KIM-1 protein is a novel regulatory molecule of flow-induced calcium signaling.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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