



Rabbit Anti-Canine TIM-1/KIM-1 monoclonal antibody, clone S312 (CABT-ZB924)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	It reacts with Canine TIM-1/KIM-1
Target	HAVCR1
Immunogen	Recombinant Canine TIM-1/KIM-1/HACVR Protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Canine
Clone	S312
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA(det) We recommend the following for sandwich ELISA (Capture - Detection): CABT-ZB568 - CABT-ZB924 This antibody will detect TIM-1/KIM-1 in antibody pair set. [ABPR-ZB145]
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Canine TIM-1 / KIM-1 / HACVR.
Format	Purified, Liquid
Concentration	Lot specific
Size	50 µL, 100 µL, 1 mL

Buffer	PBS
Preservative	None
Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction	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.
Keywords	HAVCR1; hepatitis A virus cellular receptor 1; TIM; KIM1

GENE INFORMATION

Synonyms	HAVCR1; hepatitis A virus cellular receptor 1; TIM; KIM1; TIM1; HAVCR; KIM-1; TIM-1; TIMD1; TIMD-1; HAVCR-1; kidney injury molecule 1; T-cell membrane protein 1; T-cell immunoglobulin mucin receptor 1; T-cell immunoglobulin mucin family member 1; T cell immunoglobulin domain and mucin domain protein 1; ARD5
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