

12-8511: Anti-Human TIM-1 (NT)

Clonality :	Polyclonal
Application :	IHC
Reactivity :	Human
Alternative Name :	T Cell Immunoglobulin and Mucin Domain Containing Protein 1, Hepatitis A Virus Cellular Receptor 1, HAVcr-1, Kim-1
Immunogen Information :	PN:T349

Description

Specificity: Rabbit Anti-Human TIM-1 recognizes an epitope near the N-terminus of Human and Mouse TIM-1. This polyclonal antibody was purified using affinity chromatography.

Background: The human form of TIM-1 was initially discovered as a membrane glycoprotein through which the hepatitis A virus can gain entry into a cell. It was also identified as kidney injury molecule 1 (Kim-1), a predicted adhesion molecule that is upregulated on the surfaces of kidney epithelia. It is also expressed on T helper 2 (Th2) cells of the immune system, and following the binding of its natural ligand TIM-4, stimulates T cell expansion and cytokine production in response to viral challenge. It has been suggested that hyperactivation of TIM-1 leads to an increased level of Th2 responsiveness and asthma susceptibility, and antibodies to TIM-1 may therefore be a novel approach to treating asthma.

Product Info

Amount :	20 µg / 0.1 mg
Content :	Concentration: 0.5 mg/ml Formulation: This polyclonal antibody is formulated in phosphate buffered saline (PBS) pH 7.4 containing 0.02% sodium azide as a preservative.
Storage condition :	This polyclonal antibody is stable for at least one week when stored at 2-8°C. For long term storage, aliquot in working volumes without diluting and store at -20°C in a manual defrost freezer. Avoid Repeated Freeze Thaw Cycles.