
TIM-1 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 253622

Unit: 0.1 mg

Description:

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.

Isotype: Rabbit Ig

Applications: E, WB

Species Reactivity: H, R

Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: TIM-1 ; T cell immunoglobulin and mucin domain containing protein 1; Hepatitis A virus cellular receptor 1; HAVcr-1; Kim-1

Accession No.: NP_036338

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human TIM-1.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.