BOSTER BIOLOGICAL TECHNOLOGY
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Anti-TIM-4 TIMD4 Antibody

Catalog Number: A06637

About TIMD4

The T cell immunoglobulin and mucin domain containing protein (TIM) family encodes cell surface receptors that are involved in the regulation of T helper (Th) -1 and -2 cell-mediated immunity. TIM-4, which is preferentially expressed on macrophages and dendritic cells, is the natural ligand of TIM-1, and this binding leads to T-cell expansion and cytokine production. Unlike other members of the TIM family, TIM-4 lacks a putative tyrosine phosphorylation signal sequence in its intracellular domain. The TIM-4 gene maps to a locus associated with predisposition to asthma in both mice and humans and with its connection to TIM-1-triggered Th2 responsiveness, may be considered as a candidate disease/predisposition gene for asthma.

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Overview

Product Name	Anti-TIM-4 TIMD4 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-TIM-4 TIMD4 Antibody (Catalog # A06637). Tested in ELISA, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, WB
Clonality	Polyclonal
Formulation	TIM-4 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	TIM-4 antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q96H15

Technical Details

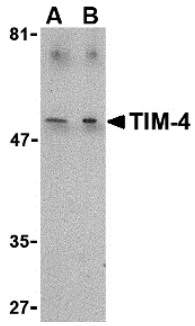
Immunogen	TIM-4 antibody was raised against a 15 amino acid synthetic peptide from near the carboxy terminus of human TIM-4. The immunogen is located within the last 50 amino acids of TIM-4.
Predicted Reactive Species	Bovine

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Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	TIM-4 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	TIM-4 antibody can be used for the detection of TIM-4 by Western blot at 1 - 2 ug/mL. Antibody validated: Western Blot in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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Anti-TIM-4 TIMD4 Antibody (A06637) Images



Western blot analysis of TIM-4 in Jurkat lysate with TIM-4 antibody at (A) 1 and (B) 2 ug/mL.

Anti-TIM-4 TIMD4 Antibody

For Research Use Only. Not for use in diagnostic procedures.