bs-22039R

[Primary Antibody]

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TIM4 Rabbit pAb

DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GenelD: 91937 **SWISS:** Q96H15

Target: TIM4

Immunogen: KLH conjugated synthetic peptide derived from human TIM4:

61-160/374. < Extracellular >

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

Background: 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. Studies have shown that TIM 4, which is preferentially expressed on macrophages and dendritic cells, is the natural ligand of TIM 1, and that 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.

Applications: WB (1:500-2000)

Reactivity: Mouse (predicted: Human,

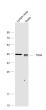
Rat, Rabbit, Pig, Sheep,

Cow)

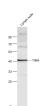
Predicted 42 kDa MW.:

Subcellular Location: Cell membrane

VALIDATION IMAGES



Sample: Lymph node (Mouse) Lysate at 40 ug Testis (Mouse) Lysate at 40 ug Primary: Anti-TIM4 (bs-22039R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 42 kD Observed band size: 42 kD



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