

bs-22040R**[Primary Antibody]****Bioss**
ANTIBODIES

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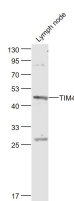
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TIM4 Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Mouse
GeneID: 276891	SWISS: Q6U7R4	
Target: TIM4		
Immunogen: KLH conjugated synthetic peptide derived from mouse TIM4: 221-320/374. < Extracellular >		Predicted MW.: 42 kDa
Purification: affinity purified by Protein A		Subcellular Location: Cell membrane
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.		

— VALIDATION IMAGES —

Sample: Lymph node (Mouse) Lysate at 40 ug
Primary: Anti- TIM4 (bs-22040R) at 1/1000
dilution Secondary: IRDye800CW Goat Anti-
Rabbit IgG at 1/20000 dilution Predicted band
size: 42 kD Observed band size: 45 kD