

bs-13771R**[Primary Antibody]****ITGA11 Rabbit pAb**

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:100-500) ELISA (1:5000-10000) Reactivity: Human, Mouse (predicted: Rat, Rabbit, Cow, Chicken, Dog, Horse) Predicted MW.: 131 kDa Subcellular Location: Cell membrane
Clonality: Polyclonal		
GeneID: 22801	SWISS: Q9UKX5	
Target: ITGA11		
Immunogen: KLH conjugated synthetic peptide derived from human ITGA11: 51-150/1188. < 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: Integrins are heterodimers composed of noncovalently associated transmembrane alpha and beta subunits, which heterodimerize to produce more than 20 different receptors. Most Integrin receptors bind ligands that are components of the extracellular matrix, including Fibronectin, collagen (COL) and Vitronectin. Certain Integrins can also bind to soluble ligands, such as Fibrinogen, or to counterreceptors on adjacent cells, such as the intracellular adhesion molecules (ICAMs), leading to cellular aggregation. Integrin $\alpha 1$, also known as ITGA11 or MSTP018, is a 1,189 amino acid single-pass type I membrane protein that contains one VWFA domain and seven FG-GAP repeats. Expressed at high levels in heart and uterus and present at lower levels in pancreas, kidney, skeletal muscle, placenta, lung, colon and brain, Integrin alpha 11 exists as a heterodimer with Integrin beta1 and functions as a receptor for collagen.		