SunLong Biotech Co.,LTD
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[Primary Antibody]

Recombinant Rabbit Anti-ITGA11 Monoclonal Antibody

Catalog Number: SLA0718M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Mouse
Isotype:	IgG2b,k
Clonality:	Monoclonal
Clone No.:	N4F2
GeneID:	22801
SWISS:	Q9UKX5
Target:	ITGA11
Immunogen:	KLH conjugated synthetic peptide derived from human ITGA11
Purification:	affinity purified by Protein G
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB (1:500-2000) ELISA (1:5000-10000) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human
Predicted MW.:	131 kDa
Subcellular Location:	Membrane
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 ?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

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	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.

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