



Cleaved-Integrin α 5 HC (F42) Monoclonal Antibody

Catalog No	BYmab-16804
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	ITGA5
Protein Name	Integrin alpha-5
Immunogen	The antiserum was produced against synthesized peptide derived from human ITGA5. AA range:23-72
Specificity	Cleaved-Integrin α 5 HC (F42) Monoclonal Antibody detects endogenous levels of fragment of activated Integrin α 5 HC protein resulting from cleavage adjacent to F42.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	$\geq 90\%$
Storage Stability	-20°C/1 year
Synonyms	ITGA5; FNRA; Integrin alpha-5; CD49 antigen-like family member E; Fibronectin receptor subunit alpha; Integrin alpha-F; VLA-5; CD antigen CD49e
Observed Band	92kD
Cell Pathway	Membrane; Single-pass type I membrane protein. Cell junction, focal adhesion . Cell surface .
Tissue Specificity	Liver,Placenta,
Function	function:Integrin alpha-5/beta-1 is a receptor for fibronectin and fibrinogen. It recognizes the sequence R-G-D in its ligands. In case of HIV-1 infection, the interaction with extracellular viral Tat protein seems to enhance angiogenesis in Kaposi's sarcoma lesions.,similarity:Belongs to the integrin alpha chain family.,similarity:Contains 7 FG-GAP repeats.,subunit:Heterodimer of an alpha and a beta subunit. The alpha subunit is composed of an heavy and a light chain linked by a disulfide bond. Alpha-5 associates with beta-1. Interacts with HPS5 and NISCH. Interacts with HIV-1 Tat. Interacts with RAB21.,

Nanjing BYabscience technology Co.,Ltd



Background	<p>integrin subunit alpha 5(ITGA5) Homo sapiens The product of this gene belongs to the integrin alpha chain family. Integrins are heterodimeric integral membrane proteins composed of an alpha subunit and a beta subunit that function in cell surface adhesion and signaling. The encoded preproprotein is proteolytically processed to generate light and heavy chains that comprise the alpha 5 subunit. This subunit associates with the beta 1 subunit to form a fibronectin receptor. This integrin may promote tumor invasion, and higher expression of this gene may be correlated with shorter survival time in lung cancer patients. Note that the integrin alpha 5 and integrin alpha V subunits are encoded by distinct genes. [provided by RefSeq, Oct 2015],</p>
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

