



Anti-ITGA5 monoclonal antibody, clone FQS8965 (DCABH-4033)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit monoclonal to Integrin alpha 5 - C-terminal
Antigen Description	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 sarcoma lesions.
Immunogen	Synthetic peptide (the amino acid sequence is considered to be commercially sensitive) (C terminal)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Rat, Human
Clone	FQS8965
Conjugate	Unconjugated
Applications	WB, IHC-P, ICC/IF, IP, Flow Cyt
Positive Control	Human bladder, HT-1080, HeLa, and U937 cell lysates, Human kidney tissue, U937 cells
Format	Liquid
Size	40 µl
Buffer	Preservative: 0.01% Sodium azide; Constituents: 50% Glycerol, 0.05% BSA
Storage	store at -20°C. Avoid freeze / thaw cycles.

Ship

Shipped at 4°C.

GENE INFORMATION

Gene Name	ITGA5 integrin, alpha 5 (fibronectin receptor, alpha polypeptide) [Homo sapiens]
Official Symbol	ITGA5
Synonyms	ITGA5; integrin, alpha 5 (fibronectin receptor, alpha polypeptide); FNRA; integrin alpha-5; CD49e; VLA-5; integrin alpha-F; CD49 antigen-like family member E; fibronectin receptor subunit alpha; fibronectin receptor, alpha subunit; very late activation pr
Entrez Gene ID	3678
Protein Refseq	NP_002196
UniProt ID	P08648
Chromosome Location	12q11-q13
Pathway	Angiopoietin receptor Tie2-mediated signaling, organism-specific biosystem; Arrhythmogenic right ventricular cardiomyopathy (ARVC), organism-specific biosystem; Arrhythmogenic right ventricular cardiomyopathy (ARVC), conserved biosystem; Axon guidance, organism-specific biosystem; Bacterial invasion of epithelial cells, organism-specific biosystem; Bacterial invasion of epithelial cells, conserved biosystem; Cell surface interactions at the vascular wall, organism-specific biosystem;
Function	integrin binding; platelet-derived growth factor receptor binding; protein binding; receptor activity; vascular endothelial growth factor receptor 2 binding;