

产品名称: Integrin alpha 5 (10B18) Rabbit Monoclonal Antibody
产品货号: AMRe12650



产品概述 (Summary)

产品名称 (Production Name)	Integrin alpha 5 (10B18) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,FC,IP
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% protective protein.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	ITGA5
别名 (Alternative Names)	Integrin alpha-5; VLA-5; CD49e; ITGA5; FNRA;
基因 ID (Gene ID)	3678.0
蛋白 ID (SwissProt ID)	P08648.A synthetic peptide of human Integrin alpha 5

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:1000-1:5000,IHC 1:50-1:100,ICC/IF 1:100-1:200,FC 1:20-1:100,IP 1:20-1:50
蛋白分子量 (Molecular Weight)	115kDa

产品名称: Integrin alpha 5 (10B18) Rabbit Monoclonal Antibody
产品货号: AMRe12650



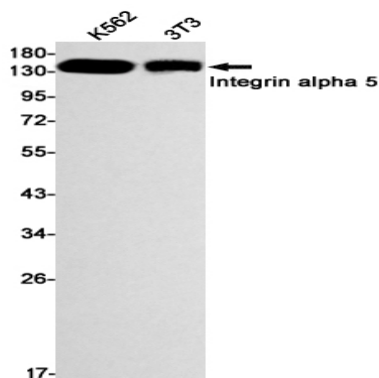
研究背景 (Background)

Integrin alpha-5/beta-1 is a receptor for fibronectin and fibrinogen. It recognizes the sequence R-G-D in its ligands. ITGA5:ITGB1 binds to PLA2G2A via a site (site 2) which is distinct from the classical ligand-binding site (site 1) and this induces integrin conformational changes and enhanced ligand binding to site 1. ITGA5:ITGB1 acts as a receptor for fibrillin-1 (FBN1) and mediates R-G-D-dependent cell adhesion to FBN1. Integrin alpha-5/beta-1 (ITGA5:ITGB1) is a receptor for fibronectin and fibrinogen. It recognizes the sequence R-G-D in its ligands. ITGA5:ITGB1 binds to PLA2G2A via a site (site 2) which is distinct from the classical ligand-binding site (site 1) and this induces integrin conformational changes and enhanced ligand binding to site 1 (PubMed: [18635536](http://www.uniprot.org/citations/18635536), PubMed: [25398877](http://www.uniprot.org/citations/25398877)). ITGA5:ITGB1 acts as a receptor for fibrillin-1 (FBN1) and mediates R-G-D-dependent cell adhesion to FBN1 (PubMed: [12807887](http://www.uniprot.org/citations/12807887), PubMed: [17158881](http://www.uniprot.org/citations/17158881)). ITGA5:ITGB1 is a receptor for IL1B and binding is essential for IL1B signaling (PubMed: [29030430](http://www.uniprot.org/citations/29030430)). ITGA5:ITGB3 is a receptor for soluble CD40LG and is required for CD40/CD40LG signaling (PubMed: [31331973](http://www.uniprot.org/citations/31331973)).

研究领域 (Research Area)

Signal Transduction

图片 (Image Data)



Western blot detection of Integrin alpha 5 in K562,3T3 cell lysates using Integrin alpha 5 antibody(1:1000 diluted).

注意事项 (Note)

For research use only .