

ITGA5 Polyclonal Antibody

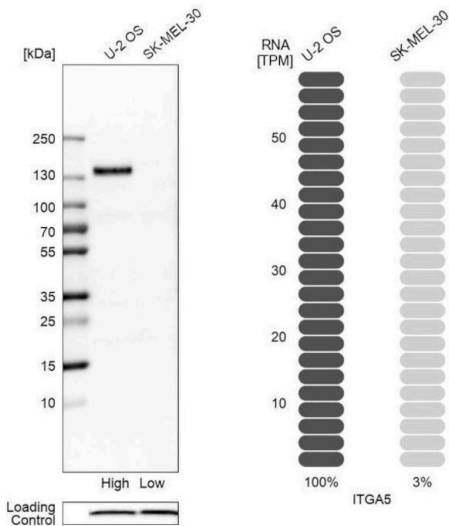
Product Details	
Size	100 µL
Species Reactivity	Human, Mouse
Published Species	Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant protein corresponding to Human ITGA5
Form	Liquid
Concentration	0.23 mg/mL
Purification	Anitgen affinity chromatography
Storage buffer	PBS, pH 7.2, with 40% glycerol
Contains	0.02% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2789188

Applications	Tested Dilution	Publications
Western Blot (WB)	0.04-0.4 µg/mL	2 Publications
Immunohistochemistry (IHC)	1:500-1:1,000	-

Product Specific Information

Immunogen sequence: DQPQKEEDLG PAVHHVYELI NQGPSSISQG VLELSCPQAL EGQQLLYVTR VTGLNCTTNH
PINPKGLELD PEGSLHHQQK REAPSRSSAS SGPQILKCPE AECFRLRCEL GPLHQQESQS LQLHFRVWA

Product Images For ITGA5 Polyclonal Antibody

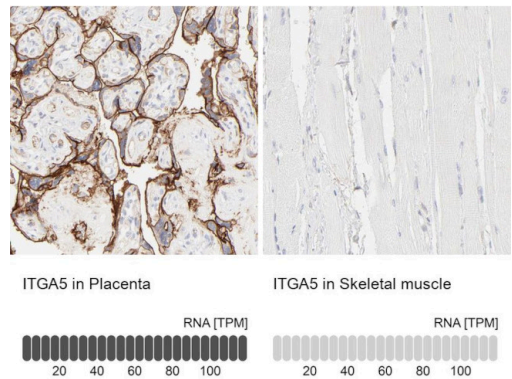


ITGA5 Antibody (PA5-82027)

Relative expression in western blot: Antibody specificity was demonstrated by detection of known differential basal expression of the target across tissue/cell models. Expression of ITGA5 was observed specifically in U2OS cells and in SK-MEL-30 cells using anti-ITGA5 Polyclonal Antibody (Product #PA5-82027) in western blot. The relative expression levels of ITGA5 within each cell line is shown using RNA-Seq. {RE}

ITGA5 Antibody (PA5-82027)

Relative expression in different tissues in IHC: Detection of differential expression levels of ITGA5 demonstrates antibody specificity. Immunohistochemical analysis of ITGA5 using anti-ITGA5 Polyclonal Antibody (Product #PA5-82027), shows significant staining of ITGA5 in placenta and shows minimal or weak staining in skeletal muscle tissues. The relative expression levels of ITGA5 within each tissue is shown using RNA-Seq. {RE}



Western Blot (2)

<p>Bone research</p> <p>Osteocytes regulate bone anabolic response to mechanical loading in male mice via activation of integrin 5.</p> <p>"PA5-82027 was used in Western Blotting to show an indispensable role of integrin 5 in osteocytes in the anabolic action of mechanical loading on skeletal tissue through activation of hemichannels and PGE2-evoked gene expression."</p> <p>Authors: Zhao D,Hua R,Riquelme MA,Cheng H,Guda T,Xu H,Gu S,Jiang JX</p>	<p>Year 2022</p> <p>Species Mouse</p> <p>Dilution 1:800</p>
<p>RNA biology</p> <p>Translation of <i>Tudor-SN</i>, a novel terminal oligo-pyrimidine (TOP) mRNA, is regulated by the mTORC1 pathway in cardiomyocytes.</p> <p>"PA5-82027 was used in Western Blot to suggest that the translational efficiency of Tudor-SN is regulated by the mTORC1 pathway in myocardia and that Tudor-SN is involved in mTORC1-mediated regulation of cardiomyocytic proliferation and cardiac development."</p> <p>Authors: Gan S,Su C,Ma J,Liu M,Cui X,Xin L,Ren Y,Gao X,Ge L,Wei M,Yang J</p>	<p>Year 2021</p> <p>Species Mouse</p>

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