antibodies - online.com







anti-ITGA6 antibody (C-Term)

Images



Publication



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Quantity:	400 μL	
Target:	ITGA6	
Binding Specificity:	AA 1082-1110, C-Term	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This ITGA6 antibody is un-conjugated	
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))	

Product Details

Immunogen:	This CD49f antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1082-1110 amino acids from the C-terminal region of human CD49f.
Clone:	RB18006
Isotype:	lg Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

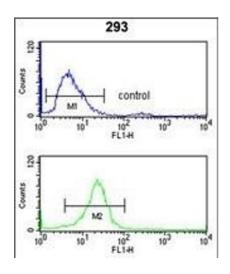
Target Details

Target:	ITGA6	
Alternative Name:	CD49f (ITGA6 Products)	

Target Details

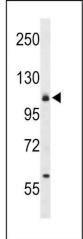
Background:	The CD49f protein product is the integrin alpha chain alpha 6. Integrins are integral cell-surface	
	proteins composed of an alpha chain and a beta chain. A given chain may combine with	
	multiple partners resulting in different integrins. For example, alpha 6 may combine with beta 4	
	in the integrin referred to as TSP180, or with beta 1 in the integrin VLA-6. Integrins are known to	
	participate in cell adhesion as well as cell-surface mediated signalling.	
Molecular Weight:	126606	
Gene ID:	3655	
NCBI Accession:	NP_000201, NP_001073286	
UniProt:	P23229	
Pathways:	CXCR4-mediated Signaling Events, Brown Fat Cell Differentiation, Integrin Complex	
Application Details		
Application Notes:	WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which	
	should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in smal	
	aliquots to prevent freeze-thaw cycles.	
Expiry Date:	6 months	
Publications		
Product cited in:	He, Yang, Li: "The clinical pathological significance of Thy1 and CD49f expression in	
	chondrosarcomas." in: Pathology, research and practice, Vol. 212, Issue 7, pp. 636-42, (2017) (

Images



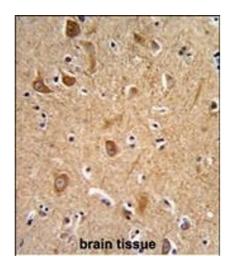
Flow Cytometry

Image 1. CD49f Antibody (C-term) (ABIN653202 and ABIN2842747) flow cytometry analysis of 293 cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Western Blotting

Image 2. Western blot analysis of CD49f Antibody (C-term) (ABIN653202 and ABIN2842747) in 293 cell line lysates (35 μg/lane). CD49f (arrow) was detected using the purified Pab.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Formalin-fixed and paraffin-embedded human brain tissue reacted with CD49f Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.