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Datasheet for ABIN651710 anti-ITGA5 antibody (AA 796-822)

2 Images

1 Publication

lgG



Overview

Quantity:	400 µL
Target:	ITGA5
Binding Specificity:	AA 796-822
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Flow Cytometry (FACS)
Product Details	
Immunogen:	This ITGA5 antibody is generated from rabbits immunized with a KLH conjugated synthetic
	peptide between 796-822 amino acids of human ITGA5.
Clone:	RB20678

Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

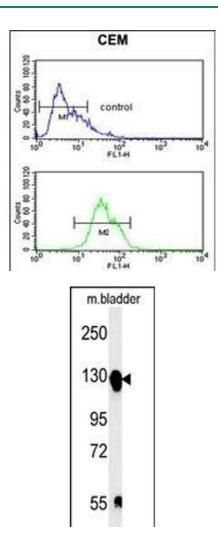
Isotype:

Target:	ITGA5
Alternative Name:	ITGA5 (ITGA5 Products)
Background:	The product of this gene belongs to the integrin alpha chain family. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. This gene encodes
	the integrin alpha 5 chain. Alpha chain 5 undergoes post-translational cleavage in the

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	extracellular domain to yield disulfide-linked light and heavy chains that join with beta 1 to form	
	a fibronectin receptor. In addition to adhesion, integrins are known to participate in cell-surface	
	mediated signalling. [provided by RefSeq].	
Molecular Weight:	114536	
Gene ID:	3678	
NCBI Accession:	NP_002196	
UniProt:	P08648	
Pathways:	Integrin Complex	
Application Details		
Application Notes:	WB: 1:1000. 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.	
Ctorogo	4 °C,-20 °C	
Storage:		
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.	
Expiry Date:	6 months	
Publications		
Product cited in:	Jiang, Sun, Li, Hu, Zhou, Jiang, Xu: "Calycosin-7-0-?-D-glucoside promotes oxidative stress-	
	induced cytoskeleton reorganization through integrin-linked kinase signaling pathway in	
	vascular endothelial cells." in: BMC complementary and alternative medicine, Vol. 15, pp. 315, (
	2015) (PubMed).	

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Flow Cytometry

Image 1. ITGA5 Antibody (C-term) (ABIN651710 and ABIN2840370) flow cytometric analysis of CEM 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. ITGA5 Antibody (C-term) (ABIN651710 and ABIN2840370) western blot analysis in mouse bladder tissue lysates (15 µg/lane).This demonstrates the ITGA5 antibody detected ITGA5 protein (arrow).

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