

Datasheet for ABIN6142583
anti-Integrin beta 3 antibody (AA 609-788)



[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	Integrin beta 3 (ITGB3)
Binding Specificity:	AA 609-788
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Integrin beta 3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 609-788 of human ITGB3 (NP_000203.2).
Sequence:	CGSCVCIQPG SYGDTCEKCP TCPDACTFKK ECVECKKFDR GALHDENTCN RYCRDEIESV KELKDTGKDA VNCTYKNEDD CVVRFQYYED SSGKSILYVV EEPECPKGPD ILVVLLSVMG AILLIGLAAL LIWKLLITIH DRKEFAKFEE ERARAKWDTA NNPLYKEATS TFTNITYRGT
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target:	Integrin beta 3 (ITGB3)
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Target Details

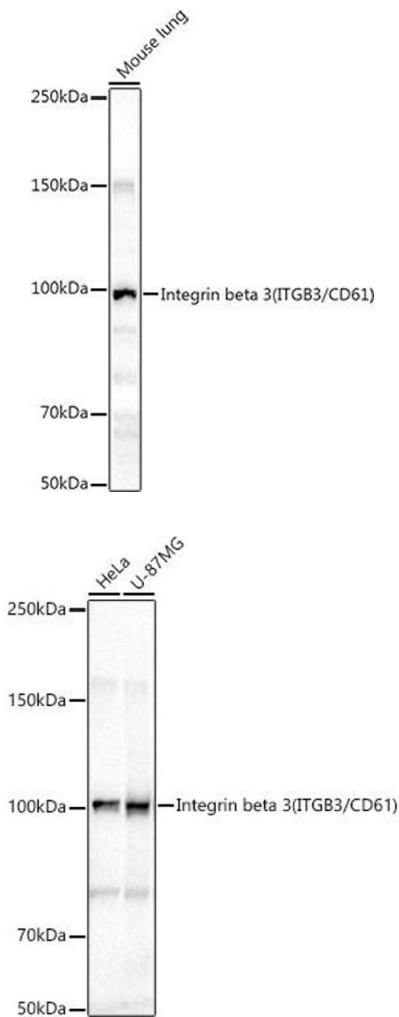
Alternative Name:	ITGB3 (ITGB3 Products)
Background:	The ITGB3 protein product is the integrin beta chain beta 3. Integrins are integral cell-surface proteins composed of an alpha chain and a beta chain. A given chain may combine with multiple partners resulting in different integrins. Integrin beta 3 is found along with the alpha IIb chain in platelets. Integrins are known to participate in cell adhesion as well as cell-surface mediated signalling.,BDPLT16,BDPLT2,CD61,GP3A,GPIIIa,GT,Integrin beta 3,ITGB3,Cancer,Invasion and Metastasis,Signal Transduction,G protein signaling,G2/M DNA Damage Checkpoint,PI3K-Akt Signaling Pathway,MAPK-Erk Signaling Pathway,Cell Biology & Developmental Biology,Cell Adhesion,Cytoskeleton,Immunology & Inflammation,CD markers,Cardiovascular,Angiogenesis,Blood,Cardiovascular diseases,Hypertension,ITGB3
Molecular Weight:	86 kDa/87 kDa
Gene ID:	3690
UniProt:	P05106
Pathways:	Regulation of G-Protein Coupled Receptor Protein Signaling , Signaling Events mediated by VEGFR1 and VEGFR2 , Smooth Muscle Cell Migration , Integrin Complex

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of Mouse lung, using Integrin beta 3 (ITGB3/CD61) antibody (ABIN6127571, ABIN6142583, ABIN6142585 and ABIN6213608) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.

Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using Integrin beta 3 (ITGB3/CD61) antibody (ABIN6127571, ABIN6142583, ABIN6142585 and ABIN6213608) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 60s.