
Product Name: KD-Validated ITGB5 Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA00337**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; FC 1:200-1:2,000
Molecular Weight	Calculated MW: 88.1kDa

Antigen Information

Gene Name	ITGB5
Alternative Names	ITGB5; Integrin Subunit Beta 5; Integrin Beta-5; Testis Secretory Sperm-Binding Protein Li 217p; Integrin, Beta 5
Gene ID	3693.0
SwissProt ID	P18084
Immunogen	Recombinant protein of human ITGB5

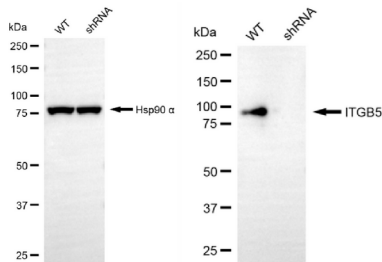
Background

This gene encodes a beta subunit of integrin, which can combine with different alpha chains to form a variety of integrin heterodimers. Integrins are integral cell-surface receptors that participate in cell adhesion as well as cell-surface mediated signaling. The alphav beta5 integrin is involved in adhesion to vitronectin. [provided by RefSeq, Aug 2017]

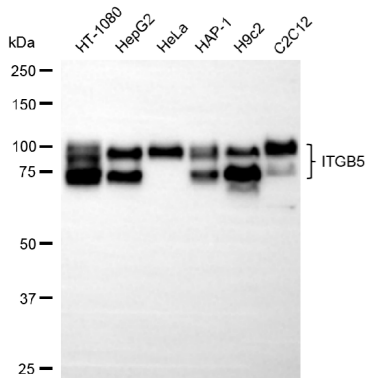
Research Area

Signal Transduction

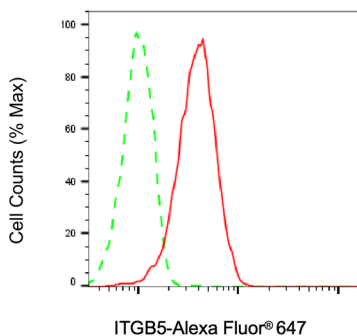
Image Data



Western blotting analysis using ITGB5 antibody (KVA00337). ITGB5 expression in wild-type (WT) and ITGB5 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with ITGB5 antibody (KVA00337, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using ITGB5 antibody (KVA00337). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with ITGB5 antibody (KVA00337, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Flow cytometric analysis of ITGB5 expression in HepG2 cells using ITGB5 antibody (KVA00337, 1:2,000). Green, isotype control; red, ITGB5.