antibodies

# Datasheet for ABIN3031378 anti-Integrin beta 3 antibody (AA 734-760)





Overview

Quantity:	0.4 mL
Target:	Integrin beta 3 (ITGB3)
Binding Specificity:	AA 734-760
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Integrin beta 3 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (IHC), ELISA

## Product Details

Immunogen:	A portion of amino acids 734-760 from the human protein was used as the immunogen for this Integrin beta 3 antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Mouse
Purification:	Antigen affinity purified
Target Details	
Target:	Integrin beta 3 (ITGB3)

- 3	
Alternative Name:	Integrin beta 3 (ITGB3 Products)
Background:	ITGB3 is the integrin beta chain beta 3. Integrins are integral cell-surface proteins composed of

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Target Details	Target	Detail	S
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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.

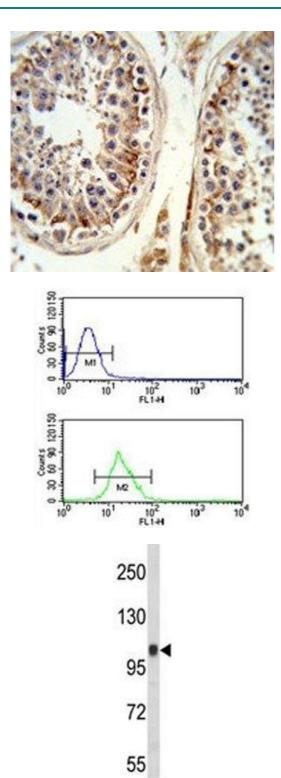
UniProt:	P05106
Pathways:	Regulation of G-Protein Coupled Receptor Protein Signaling, Signaling Events mediated by
	VEGFR1 and VEGFR2, Smooth Muscle Cell Migration, Integrin Complex

## Application Details

Application Notes:	Titration of the Integrin beta 3 antibody may be required due to differences in protocols and
	secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:50-1:100,Flow
	Cytometry: 1:10-1:50
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % 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:	-20 °C
Storage Comment:	Aliquot the Integrin beta 3 antibody and store frozen at -20°C or colder. Avoid repeated freeze- thaw cycles.



### Immunohistochemistry

**Image 1.** IHC analysis of FFPE human testis tissue stained with the Integrin beta 3 antibody

### **Flow Cytometry**

**Image 2.** Integrin beta 3 antibody flow cytometric analysis of CEM cells (bottom histogram) compared to a negative control (top histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

### Western Blotting

**Image 3.** Western blot analysis of Integrin beta 3 antibody and CEM lysate

Please check the product details page for more images. Overall 5 images are available for ABIN3031378.

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