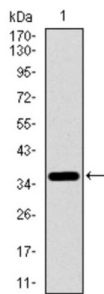
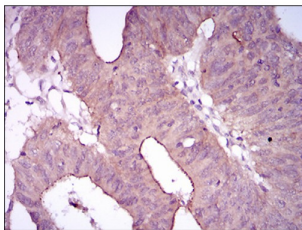


Integrin Alpha IIb / CD41 (ITGA2B) Antibody

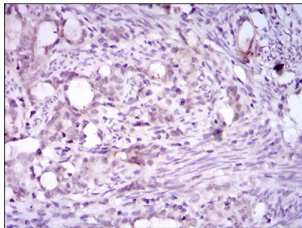
Catalogue No.: abx015897



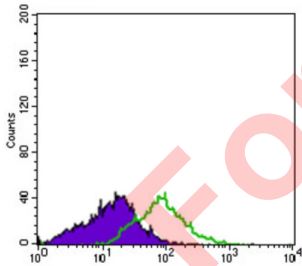
Western blot analysis using ITGA2B antibody against human ITGA2B recombinant protein. (Expected MW is 36.9 kDa).



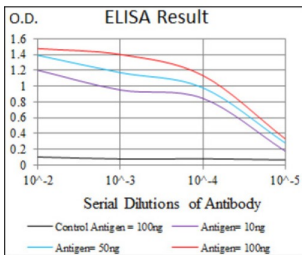
Western blot analysis using ITGA2B antibody against HEK293 (1) and ITGA2B (AA: 45-149) - hlgGFc transfected HEK293 (2) cell lysate.



Flow cytometric analysis of HL60 cells using ITGA2B antibody (green) and negative control (purple).



Immunohistochemical analysis of paraffin-embedded cervical cancer tissues using ITGA2B antibody with DAB staining.



Immunohistochemical analysis of paraffin-embedded rectum cancer tissues using ITGA2B antibody with DAB staining.

Datasheet

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ITGA2B encodes integrin alpha chain 2b. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. Alpha chain 2b undergoes post-translational cleavage to yield disulfide-linked light and heavy chains that join with beta 3 to form a fibronectin receptor expressed in platelets that plays a crucial role in coagulation. Mutations that interfere with this role result in thrombasthenia. In addition to adhesion, integrins are known to participate in cell-surface mediated signalling.

Target:	Integrin Alpha IIb / CD41 (ITGA2B)
Clonality:	Monoclonal
Reactivity:	Human
Tested Applications:	ELISA, IHC, FCM
Host:	Mouse
Recommended dilutions:	ELISA: 1/10000, IHC: 1/200 - 1/1000, FCM: 1/200 - 1/400. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Purified recombinant fragment of human ITGA2B (AA: 45-149) expressed in E. coli.
Isotype:	IgG ₁
Form:	Liquid
Purification:	Unpurified ascites.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P08514 (UniProt , ExPASy)
Gene Symbol:	ITGA2B
GeneID:	3674
OMIM:	187800
HGNC:	6138
KEGG:	hsa:3674
Ensembl:	ENSG00000005961

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String: [9606.ENSPO0000262407](#)

Molecular Weight: 113.4 kDa

Buffer: Ascitic fluid containing 0.03% sodium azide.

Concentration: Not determined.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only