



Anti-ITGA2B monoclonal antibody, clone A10-33/1 (CABT-49583MH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse anti Human CD41/CD61 antibody, clone A10-33/1 recognizes endothelial cells in various cultures and organs (including lung, liver, gall bladder and skin). It is generally reactive with melanoma, including metastasizing melanomas and in carcinomas. It reacts strongly with purified GPIIb-IIIa which is expressed on platelets but not endothelial cells. Cross reactivity with nervous tissue has also been reported.
Specificity	CD41/CD61
Immunogen	Human melanoma cell lines.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human, Bovine, Mouse
Clone	A10-33/1
Conjugate	Unconjugated
Applications	IHC-Fr; WB
Format	Purified IgG - lyophilised
Size	500 µl
Preservative	None
Storage	in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	ITGA2B integrin, alpha 2b (platelet glycoprotein IIb of IIb/IIIa complex, antigen CD41) [Homo sapiens (human)]
Official Symbol	ITGA2B
Synonyms	ITGA2B; integrin, alpha 2b (platelet glycoprotein IIb of IIb/IIIa complex, antigen CD41); GT; GTA; CD41; GP2B; HPA3; CD41B; GPIIb; BDPLT2; BDPLT16; PPP1R93; integrin alpha-IIb; GPalpha IIb; platelet-specific antigen BAK; platelet membrane glycoprotein IIb
Entrez Gene ID	3674
Protein Refseq	NP_000410
UniProt ID	P05106
Chromosome Location	17q21.32
Pathway	Arf6 signaling events; Arrhythmogenic right ventricular cardiomyopathy; Arrhythmogenic right ventricular cardiomyopathy (ARVC); Axon guidance; Developmental Biology; Dilated cardiomyopathy; ECM proteoglycans; ECM-receptor interaction;
Function	extracellular matrix binding; fibrinogen binding; identical protein binding; metal ion binding; protein binding;