

Anti-Integrin b2 / ITGB2 / CD18 Reference Antibody (erlizumab)

Recombinant Antibody
Catalog # APR10706

Product Information

Application	FC, Kinetics, Animal Model
Primary Accession	P08514
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	113377

Additional Information

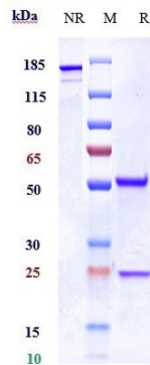
Target/Specificity	Integrin b2 / ITGB2 / CD18
Endotoxin Conjugation	Unconjugated
Expression system	CHO Cell
Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.

Protein Information

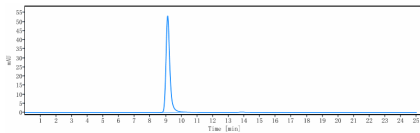
Name	ITGA2B
Synonyms	GP2B, ITGAB
Function	Integrin alpha-IIb/beta-3 is a receptor for fibronectin, fibrinogen, plasminogen, prothrombin, thrombospondin and vitronectin. It recognizes the sequence R-G-D in a wide array of ligands. It recognizes the sequence H-H-L-G-G-A-K-Q-A-G-D-V in fibrinogen gamma chain (By similarity). Following activation integrin alpha-IIb/beta-3 brings about platelet/platelet interaction through binding of soluble fibrinogen (PubMed: 9111081). This step leads to rapid platelet aggregation which physically plugs ruptured endothelial cell surface (By similarity).
Cellular Location	Membrane; Single-pass type I membrane protein.
Tissue Location	Isoform 1 and isoform 2 are expressed in platelets and megakaryocytes, but not in reticulocytes. Not detected in Jurkat, nor in U937 cell lines (PubMed:2351656). Isoform 3 is expressed in prostate adenocarcinoma, as well as in several erythroleukemia, prostate adenocarcinoma and melanoma

cell lines, including PC-3, DU- 145, HEL, WM983A, WM983B and WM35. Not detected in platelets, nor in normal prostate (at protein level)
(PubMed:9809974)

Images



Anti-Integrin b2 / ITGB2 / CD18 Reference Antibody (erlizumab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90%



The purity of Anti-Integrin b2 / ITGB2 / CD18 Reference Antibody (erlizumab) is more than 95% ,determined by SEC-HPLC.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.