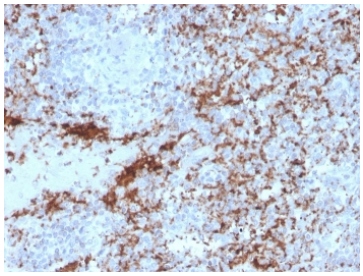
Recombinant ITGB3 Antibody rITGB3/2145 / Recombinant Integrin beta 3 Mouse Monoclonal Antibody [clone rITGB3/2145] (V7895)

Catalog No.	Formulation	Size
V7895-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7895-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7895SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

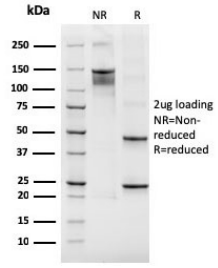
Recombinant MOUSE MONOCLONAL

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Recombinant Mouse Monoclonal
Isotype	Mouse IgG1, kappa
Clone Name	rITGB3/2145
Purity	Protein G affinity chromatography
UniProt	P05106
Localization	Cell surface, cytoplasmic
Applications	Immunohistochemistry (FFPE): 1-2ug/ml
Limitations	This Recombinant ITGB3 Antibody rITGB3/2145 / Recombinant Integrin beta 3 Mouse Monoclonal Antibody is available for research use only.



Recombinant ITGB3 Antibody rITGB3/2145 Immunohistochemistry. IHC testing of FFPE human spleen with recombinant ITGB3 antibody. Required HIER: boil tissue sections in 10mM Tris with 1mM EDTA, pH9, for 10-20 min followed by cooling at RT for 20 min.



SDS-PAGE analysis of purified, BSA-free recombinant ITGB3 antibody as confirmation of integrity and purity.

Description

Reacts with human integrin beta3 (GPIIIa, vitronectin receptor beta chain). It associates with the V-chain (CD51) to form vitronectin receptor, or with the IIb-chain (CD41) to form the GpIIb/GpIIIa complex (CD41/CD61).The CD41/CD61 complex appears early in megakaryocyte maturation. The activated CD41/CD61 complex is a receptor for von Willebrand factor, soluble fibrinogen, fibronectin, vitronectin and thrombospondin. It plays a central role in platelet activation and aggregation. The CD51/CD61 is implicated in tumor metastasis and adenoviral infection. The antibody detects platelets in smears of blood and bone marrow, as well as megakaryocytes in frozen sections and cell smears. The antibody is useful for classification of megakaryoblastic leukemia.

For a broadly validated polyclonal reagent targeting this protein, see our CD61 Antibody / ITGB3 Polyclonal Antibody page.

Application Notes

Optimal dilution of the Recombinant ITGB3 Antibody rITGB3/2145 / Recombinant Integrin beta 3 Mouse Monoclonal Antibody should be determined by the researcher.

Immunogen

A recombinant human partial protein (amino acids 385-490) was used as the immunogen for this Recombinant ITGB3 Antibody rITGB3/2145.

Storage

Store the Recombinant ITGB3 Antibody rITGB3/2145 at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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