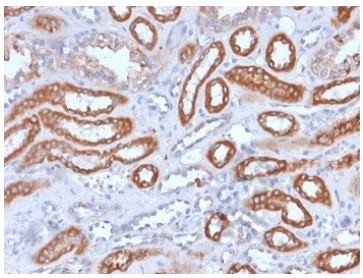
Recombinant CD61 Antibody rITGB3/1713 / Recombinant Mouse Monoclonal [clone rITGB3/1713] (V8413)

Catalog No.	Formulation	Size
V8413-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V8413-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V8413SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

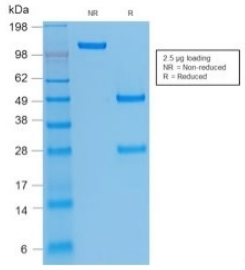
Recombinant MOUSE MONOCLONAL

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	rITGB3/1713
Purity	Protein G affinity chromatography
UniProt	P05106
Localization	Cell surface, cytoplasmic
Applications	Immunohistochemistry (FFPE): 1-2ug/ml for 30 minutes at RT
Limitations	This Recombinant CD61 Antibody rITGB3/1713 is available for research use only.



Recombinant CD61 Antibody rITGB3/1713 Immunohistochemistry. IHC staining of FFPE human spleen with recombinant CD61 antibody (clone rITGB3/1713). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free recombinant CD61 antibody (clone rITGB3/1713) as confirmation of integrity and purity.

Description

Recombinant CD61 Antibody rITGB3/1713 reacts with human integrin beta3 (GPIIIa, vitronectin receptor beta chain). It associates 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 CD61 Antibody rITGB3/1713 should be determined by the researcher.

Immunogen

Recombinant full-length human CD61 protein was used as the immunogen for the Recombinant CD61 Antibody rITGB3/1713.

Storage

Store the Recombinant CD61 Antibody rITGB3/1713 at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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