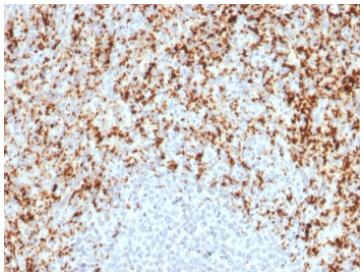
ITGB3 Antibody ITGB3/2597 / Integrin beta 3 [clone ITGB3/2597] (V7894)

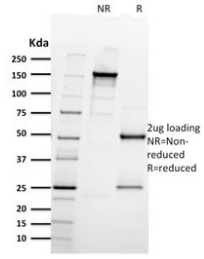
Catalog No.	Formulation	Size
V7894-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7894-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7894SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b, kappa
Clone Name	ITGB3/2597
Purity	Protein G affinity chromatography
UniProt	P05106
Localization	Cell surface, cytoplasmic
Applications	Immunohistochemistry (FFPE): 1-2ug/ml
Limitations	This ITGB3 Antibody ITGB3/2597 is available for research use only.



ITGB3 Antibody ITGB3/2597 Immunohistochemistry. IHC testing of FFPE human spleen with 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 ITGB3 Antibody ITGB3/2597 as confirmation of integrity and purity.

Description

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 ITGB3 Antibody ITGB3/2597 should be determined by the researcher.

Immunogen

A recombinant human partial protein (amino acids 385-490) was used as the immunogen for this ITGB3 Antibody ITGB3/2597.

Storage

Store the ITGB3 Antibody ITGB3/2597 at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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