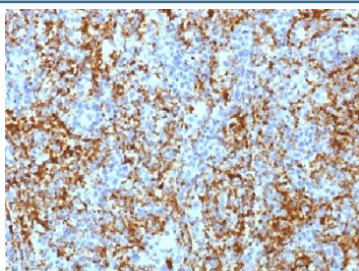


Integrin beta 3 Antibody / CD61 / ITGB3 [clone ITGB3/1713] (V3264)

Catalog No.	Formulation	Size
V3264-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3264-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3264SAF-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
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	ITGB3/1713
Purity	Protein G affinity
UniProt	P05106
Localization	Cell surface, cytoplasmic
Applications	Immunohistochemistry (Frozen & FFPE) : 1-2ug/ml for 30 min at RT
Limitations	This Integrin beta 3 antibody is available for research use only.



IHC testing of FFPE human spleen tissue with Integrin beta 3 antibody (clone ITGB3/1713). Required HIER: boil tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 10-20 min.

Description

Reacts with human Integrin beta 3, also called CD61. It associates with the β 5-chain (CD51) to form vitronectin receptor, or with the β 3-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.

Application Notes

Titration of the Integrin beta 3 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Human recombinant protein used as the immunogen for the Integrin beta 3 antibody.

Storage

Store the Integrin beta 3 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).