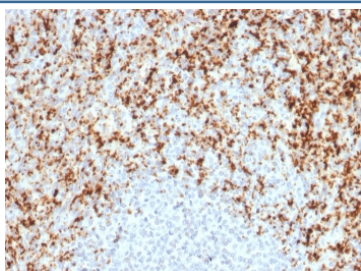


## ITGB3 Antibody / Integrin beta 3 / CD61 [clone ITGB3/2597] (V7894)

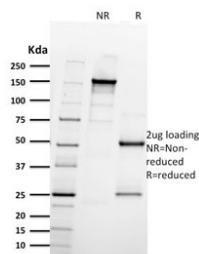
Catalog No.	Formulation	Size
V7894-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7894-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7894SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

**Bulk quote request**

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



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 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.

## Application Notes

Optimal dilution of the ITGB3 antibody 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.

## Storage

Store the ITGB3 antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).