

Nur für Forschungszwecke

Integrin Beta 3 Polyklonaler Antikörper



Katalog-Nr.:18309-1-AP

29 Publikationen

Allgemeine Informationen

Katalog-Nr.:
18309-1-AP

Größe:
150ul, Konzentration: 700 µg/ml von
Nanodrop;

Wirt:
Kaninchen

Isotyp:
IgG

GenBank-Zugangsnummer:
BC127667

GeneID (NCBI):
3690

Vollständiger Name:
integrin, beta 3 (platelet glycoprotein
IIIa, antigen CD61)

Berechnete Masse:
87 kDa

Beobachtete Masse:
100 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:1000-1:4000

IP 0.5-4.0 µg für IP und 1:200-1:1000
für WB

Anwendungen

Geprüfte Anwendungen:

IP, WB, ELISA

In Publikationen genannte Anwendungen:

FC, IF, IHC, IP, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Hamster, Human, Maus, Ratte

Positivkontrollen:

WB: Human peripheral blood platelets,
Mausmilzgewebe, Rattenmilzgewebe

IP: Mausmilzgewebe,

Hintergrundinformationen

Integrin beta-3, also named as CD61 and GPIIIa, is a receptor for cytotactin, fibronectin, laminin, matrix metalloproteinase-2, osteopontin, osteomodulin, prothrombin, thrombospondin, vitronectin and von Willebrand factor. Integrin beta-3 recognize the sequence R-G-D in a wide array of ligands and the sequence H-H-L-G-G-G-A-K-Q-A-G-D-V in fibrinogen gamma chain. Following activation integrin beta-3 brings about platelet/platelet interaction through binding of soluble fibrinogen which leads to rapid platelet aggregation which physically plugs ruptured endothelial surface. In case of HIV-1 infection, the interaction with extracellular viral Tat protein seems to enhance angiogenesis in Kaposi's sarcoma lesions. Human integrin beta-3 has a calculated molecular weight of 87 kDa. As a result of glycosylation, the apparent molecular mass of integrin beta-3 is approximately 90-110 kDa.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Yujia Xu	32999280	Cell Death Dis	WB
Chao Cheng	36121292	Appl Immunohistochem Mol Morphol	IHC
Yueqi Li	30378153	J Cell Biochem	WB

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

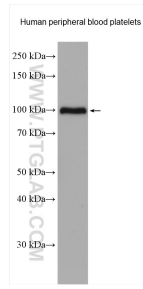
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

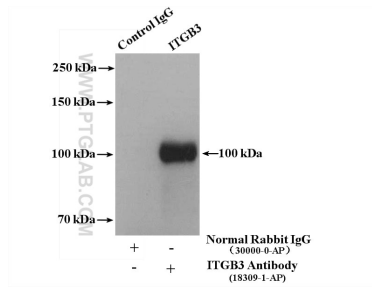
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Ausgewählte Validierungsdaten



Human peripheral blood platelets were subjected to SDS PAGE followed by western blot with 18309-1-AP (Integrin beta-3 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



IP result of anti-Integrin beta-3 (IP:18309-1-AP, 4ug; Detection:18309-1-AP 1:300) with mouse spleen tissue lysate 5200 ug.