

Nur für Forschungszwecke

CD41/Integrin Alpha 2B Polyklonaler Antikörper



Katalog-Nr.: 24552-1-AP

25 Publikationen

Allgemeine Informationen

Katalog-Nr.: 24552-1-AP	GenBank-Zugangsnummer: BC126442	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 600 µg/ml von Nanodrop;	GeneID (NCBI): 3674	Empfohlene Verdünnungen: WB 1:2000-1:10000 IP 0.5-4.0 µg für IP und 1:1000-1:4000 für WB
Wirt: Kaninchen	Vollständiger Name: integrin, alpha 2b (platelet glycoprotein IIb of IIb/IIIa complex, antigen CD41)	IHC 1:200-1:800
Isotyp: IgG	Berechnete Masse: 1039 aa, 113 kDa	
Immunogen Katalognummer: AG19459	Beobachtete Masse: 110-125 kDa	

Anwendungen

Geprüfte Anwendungen:

IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IF, IHC, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Hausschwein, Human, Maus, Ratte

Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB: Mauslungengewebe, humanes Blutgewebe, Mausmilzgewebe, Rattenmilzgewebe

IP: humanes Plasmagewebe,

IHC: Mausmilzgewebe, humanes Milzgewebe

Hintergrundinformationen

The integrins are a superfamily of cell adhesion receptors that bind to extracellular matrix ligands, cell-surface ligands, and soluble ligands (PMID: 17543136). They are transmembrane $\alpha\beta$ heterodimers and at least 24 distinct integrin heterodimers are formed by the combination of 18 α and eight β known subunits (PMID: 17543136; 20029421). In addition to mediating cell adhesion, integrins also play important roles in modulating signal transduction pathways that control cellular responses including migration, proliferation, differentiation, and apoptosis (PMID:19118207). Integrin alpha-IIb (ITGA2B, CD41) is expressed on platelets, megakaryocytes and some hematopoietic progenitor cells (PMID: 11934866). This protein undergoes post-translational cleavage to yield disulfide linked light (25 kDa) and heavy (125 kDa) chains which join with integrin beta3 (CD61) to form a receptor for fibronectin, fibrinogen, plasminogen, prothrombin, thrombospondin and vitronectin. Integrin alpha-IIb/beta-3 is crucial for platelet aggregation through binding of soluble fibrinogen.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Congping Su	31619988	Front Pharmacol	WB
Yun Shi	31513785	Biochem Pharmacol	WB
Li Lin	34778054	Front Oncol	WB,IF

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.

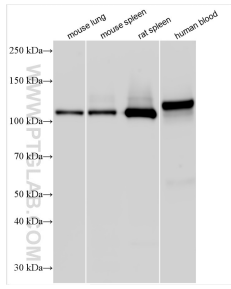
Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

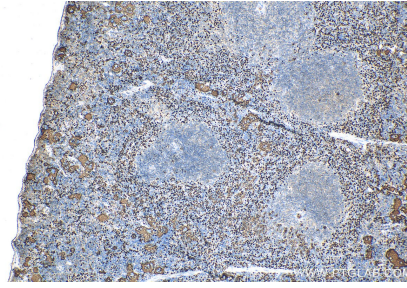
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

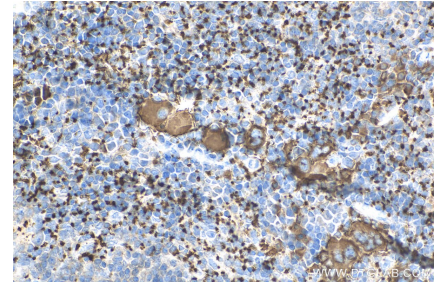
Ausgewählte Validierungsdaten



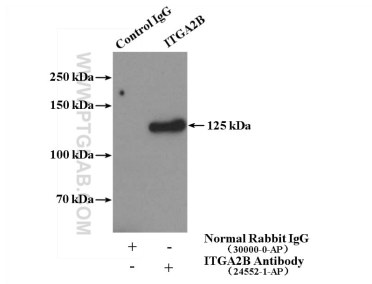
Various lysates were subjected to SDS PAGE followed by western blot with 24552-1-AP (CD41/Integrin Alpha 2B antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse spleen tissue slide using 24552-1-AP (CD41/Integrin Alpha 2B antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse spleen tissue slide using 24552-1-AP (CD41/Integrin Alpha 2B antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-CD41/Integrin alpha 2b (IP:24552-1-AP, 4ug; Detection:24552-1-AP 1:2000) with human plasma lysate 4000ug.