

CD41/Integrin Alpha 2B Polyklonaler Antikörper

Katalog-Nr.:18308-1-AP

5 Publikationen

Allgemeine Informationen

Katalog-Nr.: 18308-1-AP	GenBank-Zugangsnummer: BC126442	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 700 µg/ml von Nanodrop;	GeneID (NCBI): 3674	Empfohlene Verdünnungen: IHC 1:50-1:500
Wirt: Kaninchen	Vollständiger Name: integrin, alpha 2b (platelet glycoprotein IIb of IIb/IIIa complex, antigen CD41)	
Isotyp: IgG	Berechnete Masse: 113 kDa	

Anwendungen

Geprüfte Anwendungen: IHC,ELISA	Positivkontrollen: IHC : humanes Milzgewebe,
In Publikationen genannte Anwendungen: IF, WB	
Getestete Reaktivität: Human, Maus, Ratte	
Zitierte Arten: Human, Ratte	
Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

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
Ling-Wei Hsu	32877952	Thromb Haemost	IF
Tianyi Wang	36195952	J Nanobiotechnology	WB
Xiaolu Zhu	30679324	Haematologica	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

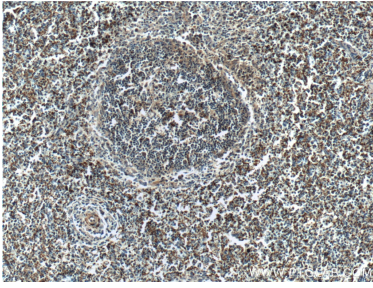
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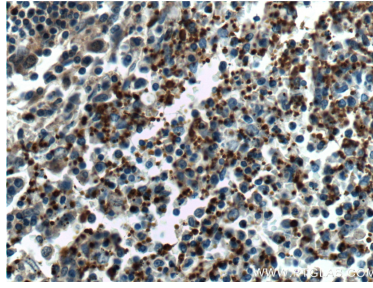
E: proteintech@ptglab.com
W: ptglab.com

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Ausgewählte Validierungsdaten



Immunohistochemical analysis of paraffin-embedded human spleen tissue slide using 18308-1-AP (CD41/Integrin alpha 2b Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human spleen tissue slide using 18308-1-AP (CD41/Integrin alpha 2b Antibody) at dilution of 1:200 (under 40x lens).