

À des fins de recherche uniquement

# Anticorps Monoclonal anti-CD41/Integrin Alpha 2B



Numéro de catalogue: 60350-1-Ig

## Informations de base

<b>Numéro de catalogue:</b> 60350-1-Ig	<b>Numéro d'acquisition GenBank:</b> BC126442	<b>Méthode de purification:</b> Purification par protéine G
<b>Taille:</b> 150ul , Concentration: 1800 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	<b>Identification du gène (NCBI):</b> 3674	<b>CloneNo.:</b> 6D7C5
<b>Hôte:</b> Mouse	<b>Nom complet:</b> integrin, alpha 2b (platelet glycoprotein IIb of IIb/IIIa complex, antigen CD41)	<b>Dilutions recommandées:</b> WB 1:500-1:3200
<b>Isotype:</b> IgG1	<b>MW calculé:</b> 113 kDa	
	<b>MW observés:</b> 125 kDa	

## Applications

<b>Applications testées:</b> WB, ELISA	<b>Contrôles positifs:</b> WB : tissu splénique humain,
<b>Spécificité de l'espèce:</b> Humain	

## Informations générales

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  $\alpha$  and eight  $\beta$  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.

## Stockage

**Stockage:**  
Stocker à -20°C. Stable pendant un an après l'expédition.  
**Tampon de stockage:**  
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3  
L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

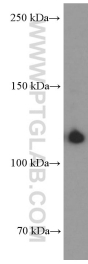
For technical support and original validation data for this product please contact:

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.

## Données de validation sélectionnées



human spleen tissue were subjected to SDS PAGE followed by western blot with 60350-1-Ig (CD41/Integrin alpha 2b Antibody) at dilution of 1:1600 incubated at room temperature for 1.5 hours.