

CD61 (AB1242) mouse mAb

W0288

Key Features

Host Species

- Mouse

Reactivity

- Human; Mouse;

Applications

- IHC; WB; IF; ELISA

MW

- 87 kDa (calculated)
- 70 kDa (observed)

Isotype

- IgG1, kappa

Recommended Dilution Ratios

Application

IHC; WB; IF; ELISA

Dilution

IHC, 1:200-1:1000 | WB, 1:500-1:2000 | IF, 1:100-1:500 | ELISA, Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Storage

Storage Conditions

Store at -20°C. Avoid freeze / thaw cycles.

Storage buffer

The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.05% Proclin 300.

Basic Information

Clonality	Monoclonal
Clone Number	AB1242
Immunogen	A synthetic peptide corresponding to the amino acid region 1 - 100 of the human CD61 protein.
Specificity	The antibody can specifically recognize human CD61 protein.
Purification	Affinity purification Protein A
Concentration	Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name	ITGB3		
Protein Name	CD61		
Database Link	Organism	Swiss Prot.	Gene ID
	Human	P05106	3690

Background	CD61 is also known as integrin β 3, a 105 kDa membrane glycoprotein, is an integrin cell surface protein related to cell adhesion and cell surface mediated signal transduction. It is expressed on platelets, megakaryocytes, osteoclasts and vascular endothelial cells. CD61 and CD41 form platelet glycoprotein IIb / IIIb complex and participate in coagulation and thrombosis. It is mainly used to detect small megakaryocytes in platelet and bone marrow biopsy, and can also be used in the diagnosis of megakaryocytic leukemia.
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