

Recombinant CD41 Monoclonal Antibody

catalog number: **AN301478L**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

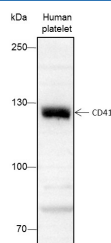
Description

Reactivity	Human;
Immunogen	Recombinant human CD41 fragment
Host	Rabbit
Isotype	IgG, κ
Clone	A173
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

WB	1:500-1:2000
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Data



Western Blot with CD41 Monoclonal Antibody at dilution of 1:2000. Lane 1: Human platelet

Observed-MW:128 kDa

Calculated-MW:113 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

Integrin α -IIb/ β -3 (ITGA2B) is a cell surface adhesion molecule that is the receptor for fibrinogen, plasminogen, prothrombin, thrombospondin and vitronectin. In activated platelets, ITGA2B can be cleaved by proteolytic enzymes to generate disulfide bond-connected heavy and light chains, and form fibrinogen receptors together with glycoprotein IIIb, causing platelet interactions and rapid platelet aggregation, thereby Block the surface of ruptured endothelial cells. The corresponding ITGA2B gene mutation can cause platelet weakness.

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