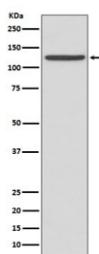


CD41 Antibody / ITGA2B [clone AAGH-9] (RQ5218)

Catalog No.	Formulation	Size
RQ5218	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

Bulk quote request

Availability	1-2 weeks
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	AAGH-9
Purity	Affinity purified
UniProt	P08514
Applications	Western Blot : 1:500-1:1000
Limitations	This CD41 antibody is available for research use only.



Western blot testing of human fetal liver lysate with CD41 antibody. Expected molecular weight ~120 kDa (alpha chain) and ~23 kDa (beta chain).

Description

The ITGA2B gene encodes a member of the integrin alpha chain family of proteins. The encoded preproprotein is proteolytically processed to generate light and heavy chains that associate through disulfide linkages to form a subunit of the alpha-IIb/beta-3 integrin cell adhesion receptor. This receptor plays a crucial role in the blood coagulation system, by mediating platelet aggregation. Mutations in this gene are associated with platelet-type bleeding disorders, which are characterized by a failure of platelet aggregation, including Glanzmann thrombasthenia. [RefSeq]

Application Notes

Optimal dilution of the CD41 antibody should be determined by the researcher.

Immunogen

A synthetic peptide specific to human CD41 / ITGA2B was used as the immunogen for the CD41 antibody.

Storage

Store the CD41 antibody at -20oC.