

## Anti-human CD41/ITGA2B Antibody (7B597)

### Product Details

Ig Type:	Mouse IgG1, k
Reactivity:	Human
Molecular Weight:	Theoretical: 125 kDa. Actual: 125 kDa.
Clone:	7B597
Purification:	Protein G purified

### Applications

Verified Activity:	scatter diagram showing peripheral blood lymphocytes stained with TMAB-07408. The cells were incubated with the antibody (TMAB-07408, 1 µg/Test) for 30 min at 22°C. Acquisition of >10,000 events was performed.
Application:	FCM
Recommended	FCM: 1µg/Test

### Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human CD41
Antigen Species:	Human
Gene ID:	3674
Uniprot ID:	P08514

### Research Background

This 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. [provided by RefSeq, Jan 2016]

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481