

Basic Information

Product Name	Anti-CD41/Integrin Alpha 2B/ITGA2B Antibody
Gene Name	ITGA2B
Source	Rabbit
Isotype	IgG
Species Reactivity	human
Tested Application	FCM
Contents	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% Na ₃ N.
Immunogen	E. coli-derived human ITGA2B recombinant protein (Position: L32-D263).
fluorophores	Amax=562nm; Emax=576nm
Conjugate	Dylight 550
concentration	500ug/ml
Purification	Immunogen affinity purified.
Dilution Ratios	Flow cytometry (FCM):1-3 µg/1x10 ⁶ cells

Storage

At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.

Background Information

Integrin alpha-IIb is a protein that in humans is encoded by the ITGA2B gene. It is mapped to 17q21.32. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. Alpha chain 2b undergoes post-translational cleavage to yield disulfide-linked light and heavy chains that join with beta 3 to form a fibrinogen receptor expressed in platelets that plays a crucial role in coagulation. Mutations that interfere with this role result in thrombasthenia. In addition to adhesion, integrins are known to participate in cell-surface mediated signalling.

Selected Validation Data

Product datasheet

Anti-CD41/Integrin Alpha 2B/ITGA2B

Antibody

Catalog Number: A01102-Dyl550

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