

ITGA2B (light chain form 1, Cleaved-Gln891) rabbit pAb

Cat No.: ES20012

For research use only

Overview

Product Name ITGA2B (light chain form 1, Cleaved-Gln891) rabbit

pAb

Host species Rabbit
Applications WB;IHC

Species Cross-Reactivity Human;Rat;Mouse;

Recommended dilutions WB 1:500-2000;IHC-p 1:50-300

Immunogen Synthesized peptide derived from human ITGA2B

(light chain form 1, Cleaved-Gln891)

Specificity This antibody detects endogenous levels of Human

ITGA2B (light chain form 1, Cleaved-Gln891, protein

was cleaved amino acid sequence between 890-891). It doesn't recognize light chain form 2

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

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

Protein Name ITGA2B (light chain form 1, Cleaved-Gln891)

Gene Name ITGA2B GP2B ITGAB

Cellular localizationMembrane; Single-pass type I membrane protein.PurificationThe antibody was affinity-purified from rabbit
antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal
Concentration 1 mg/ml
Observed band 16 110kD
Human Gene ID 3674
Human Swiss-Prot Number P08514

Alternative Names Integrin alpha-IIb (GPalpha IIb;GPIIb;Platelet

membrane glycoprotein IIb;CD antigen CD41) [Cleaved into: Integrin alpha-IIb heavy chain; Integrin alpha-IIb light chain, form 1; Integrin

alpha-IIb light chain, form 2]

Background This gene encodes a member of the integrin alpha

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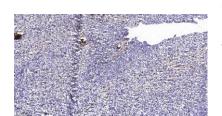
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chain family of proteins. The encoded preproprotein is proteolytically processed to generate light and heavy chains that associate through disulfide linkages to form a subunit of the alpha-IIb/beta-3 integrin cell adhesion receptor. This receptor plays 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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Immunohistochemical analysis of paraffin-embedded human spleen. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

