

Datasheet for ABIN3043254

anti-Integrin Alpha2b antibody (C-Term)

4 Images

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Overview

Quantity:	100 µg
Target:	Integrin Alpha2b (CD41)
Binding Specificity:	AA 677-711, C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Integrin Alpha2b antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit IgG polyclonal antibody for Integrin alpha-lib(ITGA2B) detection. Tested with WB, IHC-P in Human,Mouse,Rat.
Immunogen:	A synthetic peptide corresponding to a sequence at the C-terminus of human ITGA2B (677-711aa EAELAVHLPQGAHYMRALSNVEGFERLICNQQKEN), different from the related mouse sequence by four amino acids.
Sequence:	EAELAVHLPQ GAHYMRALSN VEGFERLICN QKKEN
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Rabbit IgG polyclonal antibody for Integrin alpha-lib(ITGA2B) detection. Tested with WB, IHC-P in Human,Mouse,Rat. Gene Name: integrin, alpha 2b (platelet glycoprotein IIb of IIb/IIIa complex, antigen CD41)

Product Details

Protein Name: Integrin alpha-lib

Purification: Immunogen affinity purified.

Target Details

Target: Integrin Alpha2b (CD41)

Alternative Name: ITGA2B ([CD41 Products](#))

Background: 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.

Synonyms: antigen CD41 antibody|BDPLT16 antibody|BDPLT2 antibody|CD41 antibody|CD41B antibody|form 2 antibody|GP2B antibody|GPalpha IIb antibody|GPIIb antibody|GT antibody|GTA antibody|HPA3 antibody|Integrin alpha 2b antibody|Integrin alpha IIb antibody|Integrin alpha-IIb light chain antibody|Integrin, alpha 2b (platelet glycoprotein IIb of IIb/IIIa complex, antigen CD41) antibody|ITA2B_HUMAN antibody|ITGA2B antibody|ITGAB antibody|platelet fibrinogen receptor, alpha subunit antibody|platelet glycoprotein IIb of IIb/IIIa complex antibody|Platelet membrane glycoprotein IIb antibody|platelet specific antigen BAK antibody

Gene ID: 3674

UniProt: [P08514](#)

Pathways: [Integrin Complex](#)

Application Details

Application Notes: WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Mouse, Rat, Predicted Species: Human
IHC-P: Concentration: 0.5-1 µg/mL, Tested Species: Human, Mouse, Rat, Epitope Retrieval by Heat: Boiling the paraffin sections in 10 mM citrate buffer, pH 6.0, for 20 mins is required for the staining of formalin/paraffin sections.
Notes: Tested Species: Species with positive results. Predicted Species: Species predicted to be fit for the product based on sequence similarities. Other applications have not been tested.
Optimal dilutions should be determined by end users.

Application Details

Comment:	Antibody can be supported by chemiluminescence kit ABIN921124 in WB, supported by ABIN921231 in IHC(P).
Restrictions:	For Research Use only

Handling

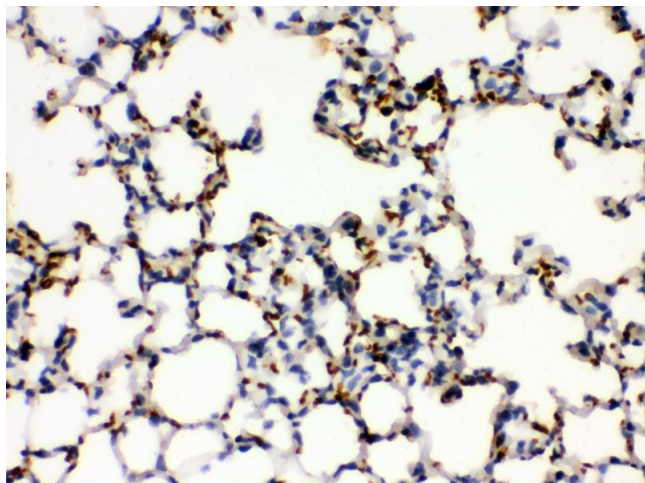
Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.05 mg Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.

Images



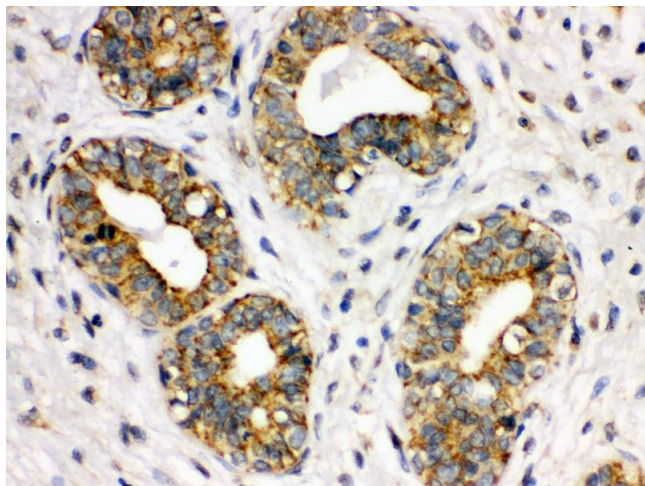
Western Blotting

Image 1.



Immunohistochemistry

Image 2. Anti- ITGA2B Picoband antibody, IHC(P) IHC(P):
Mouse Lung Tissue



Immunohistochemistry

Image 3. Anti- ITGA2B Picoband antibody, IHC(P) IHC(P):
Human Mammary Cancer Tissue

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN3043254.