

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **ITGA2B RABBIT PAB**

Cat.#: S211299

Product Name: Anti-ITGA2B Rabbit Polyclonal Antibody

Synonyms: GT; GTA; CD41; GP2B; HPA3; CD41B; GPIIb; BDPLT2; BDPLT16

UNIPROT ID: P08514 (Gene Accession - BC117443)

**Background:** ITGA2B encodes integrin alpha chain 2b. 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 fibronectin 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.

Immunogen: Fusion protein of human ITGA2B

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 50-200;WB: 200-1000;ELISA: 1000-2000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

Purification: Antigen affinity purification

Species Reactivity: Human, Mouse

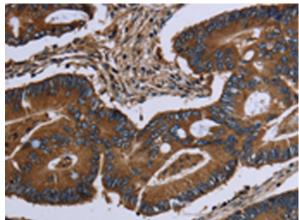
**Constituents:** PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol **Research Areas:** Signal Transduction, Cardiovascular, Immunology, Stem Cells

**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing

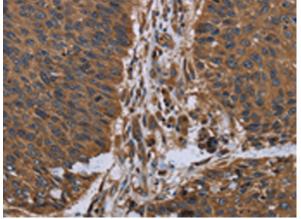


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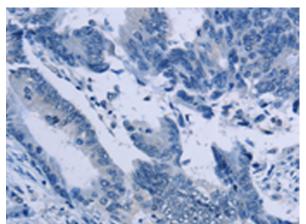
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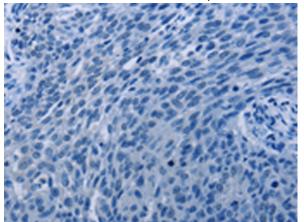
Immunohistochemistry analysis of paraffin embedded Human colon cancer tissue using 211299(ITGA2B Antibody) at a dilution of 1/40(Cytoplasm).



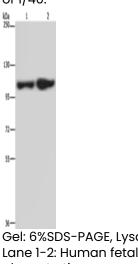
The image on the left is immunohistochemistry of In comparision with the IHC on the left, the same paraffin-embedded Human lung cancer tissue using 211299(Anti-ITGA2B Antibody) at a dilution of 1/40.



In comparision with the IHC on the left, the same paraffin-embedded Human colon cancer tissue is first treated with the fusion protein and then with 211299(Anti-ITGA2B Antibody) at dilution 1/40.



paraffin-embedded Human lung cancer tissue is first treated with fusion protein and then with D122551(Anti-ITGA2B Antibody) at dilution 1/40.



Gel: 6%SDS-PAGE, Lysate: 40 µg; Lane 1-2: Human fetal liver tissue, Human placenta tissue; Primary antibody: 211299(ITGA2B Antibody) at dilution 1/200; Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution; Exposure time: 3 minutes



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