

Phospho-ITGB3-Y773

Reactivity: Human Mouse

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:1000 IHC 1:50 - 1:100

Calculated MW: 110kDa

Observed MW: Refer to Figures

Immunogen:

A phospho specific peptide corresponding to residues surrounding Y773 of human ITGB3

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

q

Synonym:

CD61 antigen; GP3A; GPIIIa; ITB3; Platelet membrane glycoprotein IIIa;

Catalog #: AP0372

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 3690

Isotype: IgG

Swiss Prot: P05106

Purity: Affinity purification

For research use only.

Background:

Integrin α -V/ β -3 is a receptor for cytotactin, fibronectin, laminin, matrix metalloproteinase-2, osteopontin, osteomodulin, prothrombin, thrombospondin, vitronectin and von Willebrand factor. Integrin α -IIb/ β -3 is a receptor for fibronectin, fibrinogen, plasminogen, prothrombin, thrombospondin and vitronectin. Integrins α -IIb/ β -3 and α -V/ β -3 recognize the sequence R-G-D in a wide array of ligands. Integrin α -IIb/ β -3 recognizes the sequence H-H-L-G-G-A-K-Q-A-G-D-V in fibrinogen gamma chain. Following activation integrin α -IIb/ β -3 brings about platelet/platelet interaction through binding of soluble fibrinogen. This step leads to rapid platelet aggregation which physically plugs ruptured endothelial surface. In case of HIV-1 infection, the interaction with extracellular viral Tat protein seems to enhance angiogenesis in Kaposi's sarcoma lesions.

To place an order, please [Click HERE](#).