For Research Use Only

CoraLite® Plus 594 Anti-Human CD61 / Integrin beta 3 Rabbit Recombinant Antibody

Catalog Number:CL594-98864

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
CL594-98864

Concentration:
100tests, 5 ul/test

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG10480

GenBank Accession Number:

GeneID (NCBI):
3690

Full Name:
integrin, beta 3 (platelet glycoprotein IIIa, antigen CD61)

Purification Method:
Protein A purification

CloneNo.:
252741E11

Recommended Dilutions:
FC: 5 ul per 10^6 cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:
588 nm / 604 nm

Applications

Tested Applications:
FC

Species Specificity:
human

Positive Controls:

FC : Transfected HEK-293T cells,

Background Information

Integrin beta-3, also named as CD61 and GPIIIa, is a receptor for cytotactin, fibronectin, laminin, matrix metalloproteinase-2, osteopontin, osteomodulin, prothrombin, thrombospondin, vitronectin and von Willebrand factor. Integrin beta-3 recognize the sequence R-G-D in a wide array of ligands and the sequence H-H-L-G-G-G-A-K-Q-A-G-D-V in fibrinogen gamma chain. Following activation integrin beta-3 brings about platelet/platelet interaction through binding of soluble fibrinogen which 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. Human integrin beta-3 has a calculated molecular weight of 87 kDa. As a result of glycosylation, the apparent molecular mass of integrin beta-3 is approximately 90-110 kDa.

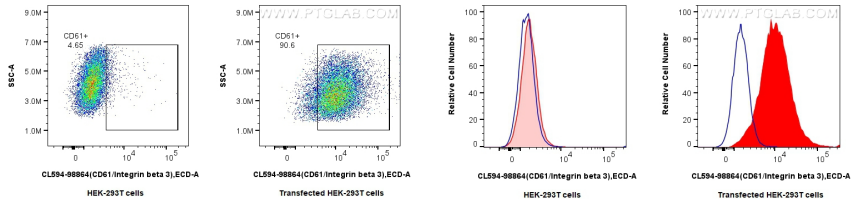
Storage

Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10^6 HEK-293T cells or CD61 / Integrin beta 3 transfected HEK-293T cells were surface stained with 0.25 ug / 5 ul CoraLite® Plus 594 Anti-Human CD61 / Integrin beta 3 Rabbit RecAb (CL594-98864, Clone: 252741E11). Cells were not fixed.

1x10^6 HEK-293T cells or CD61 / Integrin beta 3 Transfected HEK-293T cells were surface stained with 0.25 ug / 5 ul CoraLite® Plus 594 Anti-Human CD61 / Integrin beta 3 Rabbit RecAb (CL594-98864, Clone: 252741E11) (red) or 0.25 ug CoraLite®594 Rabbit IgG Isotype Control Recombinant Antibody (CL594-98136, Clone: 240953C9) (blue). Cells were not fixed.