

Anti-ITGB3 Polyclonal Antibody 2

Product Details

Ig Type:	IgG
Reactivity:	Human, Mouse (predicted: Rat, Dog, Pig, Cow, Horse, Rabbit, Sheep)
Molecular Weight:	Theoretical: 84 kDa. Actual: 110 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	<p>1. Sample: Lane 1: Thyroid gland (Mouse) Lysate at 40 µg Lane 2: Jurkat (Human) Cell Lysate at 30 µg Lane 3: Du145 (Human) Cell Lysate at 30 µg Lane 4: Huvec (Human) Cell Lysate at 30 µg Primary: Anti-Integrin beta 3 (TMAB-07833) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 100 kD Observed band size: 110 kD</p> <p>2. Blank control: HUVEC. Primary Antibody (green line): Rabbit Anti-Integrin beta 3 antibody (TMAB-07833) Dilution: 1 µg/Test; Secondary Antibody: Goat anti-rabbit IgG-FITC Dilution: 0.5 µg/Test. Protocol The cells were incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.</p>
Application:	WB, FCM
Recommended	WB: 1:500-2000; FCM: 1µg/Test

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human Integrin beta 3
Antigen Species: Human
Gene ID: 3690
Uniprot ID: P05106

Research Background

The ITGB3 protein product is the integrin beta chain beta 3. Integrins are integral cell-surface proteins composed of an alpha chain and a beta chain. A given chain may combine with multiple partners resulting in different integrins. Integrin beta 3 is found along with the alpha IIb chain in platelets. Integrins are known to participate in cell adhesion as well as cell-surface mediated signalling. [provided by RefSeq, Jul 2008]

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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