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35-1605: Polyclonal Antibody to Integrin beta3 (Ab-785)

Clonality: Polyclonal

Application: WB

Reactivity: Human, Mouse, Rat

Gene: ITGB3 Gene ID: 3690 **Uniprot ID:** P05106 Format: Purified

Alternative Name: CD61 antigen, GP3A, GPIIIa, ITB3, Platelet membrane glycoprotein IIIa

Rabbit IgG Isotype:

Immunogen Information: Peptide sequence around aa.783~787 (I-T-Y-R-G) derived from Human Integrin B3/ITGB3.

Description

The Itg-Beta3 gene encodes the beta subunit of the platelet membrane adhesive protein receptor complex Itg-Beta3 protein, which belongs to the Integrin class of cell adhesion molecule receptors that share a common heterotrimeric structure with a and Beta subunits. It is a common Beta subunit of the platelet complex and of two other Integrins (Fibronectin and Vitronectin Receptors), which have distinct a subunits. Itg-Beta3 has been implicated in a wide variety of functions, including platelet aggregation and thrombosis and implantation, placentation, angiogenesis, bone remodeling, and tumor progression. Glanzmann Thrombasthenia can result from defects in the genes for either the Itg-a2B or the Itg-Beta3 subunit Sujoy Bhattacharya, et al. (2006) Biochem J. August 1; 397(Pt 3): 437

Product Info

Amount: $50 \mu l / 100 \mu l$

Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM Content:

NaCl, 0.02% sodium azide and 50% glycerol.

Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid Storage condition:

repeated freeze and thaw cycles.

Application Note

Predicted MW: 110kd, Western blotting: 1:500~1:1000

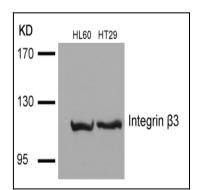


Figure 1: Western blot analysis of extracts from HL60 and HT29 cells using Integrin b3(Ab-785) Antibody 35-1605.