

Integrin β 3 (Ab-785) Conjugated Antibody

Catalog No: #C21274



Package Size: #C21274-AF350 100ul #C21274-AF405 100ul #C21274-AF488 100ul
 #C21274-AF555 100ul #C21274-AF594 100ul #C21274-AF647 100ul
 #C21274-AF680 100ul #C21274-AF750 100ul #C21274-Biotin 100ul

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Description

Product Name	Integrin β 3 (Ab-785) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total Integrin β 3 protein.
Immunogen Description	Peptide sequence around aa.783~787 (I-T-Y-R-G) derived from Human Integrin B3/ITGB3.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	CD61 antigen;GP3A;GPIIIa;ITB3;Platelet membrane glycoprotein IIIa
Accession No.	Swiss-Prot#:P05106NCBI Gene ID:3690NCBI mRNA#:NM_000212.2NCBI Protein#:NP_000203.2
Uniprot	P05106
GeneID	3690;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	110
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Product Description

Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.

Background

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 Alpha 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 Alpha 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-Alpha2B or the Itg-Beta3 subunit

Note: This product is for in vitro research use only