

Anti-ITGB2 Antibody (3B711)

Product Details

Ig Type:	IgG
Reactivity:	Human
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 95 kDa.
Clone:	3B711
Purification:	ProA affinity purified

Applications

Application:	IP,WB
Recommended	WB: 1:500-1000; IP: 1:10-50

Properties

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

Antigen Details

Immunogen:	Recombinant Protein
Uniprot ID:	P05107
Synonyms:	OTTHUMP00000115280;ITB2_HUMAN;OTTHUMP00000115279;CD18;Lymphocyte function associated antigen 1;p95;LFA 1;Cell surface adhesion glycoproteins LFA-1/CR3/p150;MAC 1; Macrophage antigen 1 (mac1) beta;LAD;LFA1;Integrin beta-2;OTTHUMP00000115278;MAC1; Complement component 3 receptor 3 and 4 subunit;Complement receptor C3 subunit beta;ITGB 2;OTTHUMP00000115282;LCAMB;Integrin beta chain beta 2;Leukocyte cell adhesion molecule CD18;MF17;95 subunit beta;MF17;OTTHUMP00000115281;Integrin beta 2;CD 18

Research Background

Integrins are heterodimers composed of noncovalently associated transmembrane α and β subunits. The 16 α and 8 β subunits heterodimerize to produce more than 20 different receptors. Most integrin receptors bind ligands that are components of the extracellular matrix, including Fibronectin, Collagen and Vitronectin. Certain integrins can also bind to soluble ligands such as Fibrinogen, or to counterreceptors on adjacent cells such as the intracellular adhesion molecules (ICAMs), leading to aggregation of cells. Ligands serve to cross-link or cluster integrins by binding to adjacent integrin receptors; both receptor clustering and ligand occupancy are necessary for the activation of integrin-mediated responses. In addition to mediating cell adhesion and cytoskeletal organization, integrins function as signaling receptors. Signals transduced by integrins play a role in many biological processes, including cell growth, differentiation, migration and apoptosis.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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