



Rabbit Anti-Human ITGAL monoclonal antibody, clone TD67-12 (CABT-L687)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	CD11a
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	TD67-12
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, ICC/IF, IHC, IP, FC
Molecular Weight	180 kDa
Cellular Localization	Membrane.
Positive Control	Jurkat, SW480, Hela, HepG2, human spleen tissue, human tonsil tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
Preservative	0.05% Sodium Azide

Storage	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
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BACKGROUND

Introduction	Integrins are heterodimers composed of noncovalently associated transmembrane a and b subunits. The 16 a and 8 b 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.
Keywords	Lymphocyte function associated antigen, type 1, alpha subunit;Antigen CD11A (p180), lymphocyte function associated antigen 1, alpha polypeptide;Antigen CD11A;CD 11a;CD11 antigen-like family member A;CD11a;CD11a antigen;Integrin Alpha L;Integrin alpha-L;Integrin gene promoter;Integrin, alpha L (antigen CD11A (p180), lymphocyte function associated antigen 1;alpha polypeptide);ITAL_HUMAN;Itgal;ITGAL protein;Leukocyte adhesion glycoprotein LFA 1 alpha chain;Leukocyte adhesion glycoprotein LFA-1 alpha chain;Leukocyte Adhesion Glycoprotein LFA1 Alpha Chain;Leukocyte function associated molecule 1 alpha chain;Leukocyte function-associated molecule 1 alpha chain;LFA 1 alpha (LFA1A);LFA 1 alpha;LFA 1;LFA 1A;LFA-1A;LFA1A;Ly15;Ly21;Lymphocyte function associated antigen 1;Lymphocyte Function Associated Antigen Type 1 alpha;lymphocyte function-associated antigen 1, alpha polypeptide;p180 antibody

GENE INFORMATION

Entrez Gene ID	3683
UniProt ID	P20701
