



Human ITGAL blocking peptide (CDBP0730)

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

PRODUCT INFORMATION

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| Product Overview | Blocking/Immunizing peptide for anti-CD11A/integrin alpha L antibody |
| Antigen Description | ITGAL encodes the integrin alpha L chain. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. This I-domain containing alpha integrin combines with the beta 2 chain (ITGB2) to form the integrin lymphocyte function-associated antigen-1 (LFA-1), which is expressed on all leukocytes. LFA-1 plays a central role in leukocyte intercellular adhesion through interactions with its ligands, ICAMs 1-3 (intercellular adhesion molecules 1 through 3), and also functions in lymphocyte costimulatory signaling. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008] |
| Species | Human |
| Conjugate | Unconjugated |
| Applications | Apuri, BL, ELISA |
| Format | Lyophilized powder |
| Size | 100 µg |
| Preservative | None |
| Storage | Shipped at ambient temperature, store at -20°C. |

GENE INFORMATION

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| Gene Name | ITGAL integrin, alpha L (antigen CD11A (p180), lymphocyte function-associated antigen 1: alpha polypeptide) [Homo sapiens (human)] |
| Official Symbol | ITGAL |

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| Synonyms | ITGAL; integrin, alpha L (antigen CD11A (p180), lymphocyte function-associated antigen 1; alpha polypeptide); CD11A; LFA-1; LFA1A; integrin alpha-L; LFA-1A; LFA-1 alpha; integrin gene promoter; CD11 antigen-like family member A; lymphocyte function-associated antigen 1; leukocyte adhesion glycoprotein LFA-1 alpha chain; leukocyte function-associated molecule 1 alpha chain; antigen CD11A (p180), lymphocyte function-associated antigen 1, alpha polypeptide; |
| Entrez Gene ID | 3683 |
| mRNA Refseq | NM_001114380.1 |
| Protein Refseq | NP_001107852.1 |
| UniProt ID | P20701 |
| Chromosome Location | 16p11.2 |
| Pathway | Adaptive Immune System, organism-specific biosystem; CXCR3-mediated signaling events, organism-specific biosystem; Cell adhesion molecules (CAMs), organism-specific biosystem; Cell adhesion molecules (CAMs), conserved biosystem; Cell surface interactions at the vascular wall, organism-specific biosystem; Epstein-Barr virus infection, organism-specific biosystem; Epstein-Barr virus infection, conserved biosystem; Extracellular matrix organization, organism-specific biosystem; Focal Adhesion, orga |
| Function | cell adhesion molecule binding; metal ion binding; protein binding; protein complex binding; protein heterodimerization activity; |