

Integrin alpha-L

Catalog No: #AP79138

Package Size: #AP79138-1 50ug #AP79138-2 100ug #AP79138-3 1mg

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Description

Product Name	Integrin alpha-L
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% by SDS-PAGE
Species Reactivity	Human
Immunogen Description	Recombinant protein
Other Names	CD11A,CD11 antigen-like family member A,Leukocyte adhesion glycoprotein LFA-1 alpha chain,Leukocyte function-associated molecule 1 alpha chain,LFA-1A,CD11a
Accession No.	P20701Gene name:ITGAL
Uniprot	P20701
GeneID	3683;
Tag Info	His
Formulation	50mM NaH ₂ PO ₄ , 500mM NaCl Buffer with 500mM Imidazole,10%glycerol(PH8.0)
Storage	Store at -20C. (Avoid repeated freezing and thawing.)Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Integrin alpha-L/beta-2 is a receptor for ICAM1, ICAM2, ICAM3 and ICAM4. Integrin alpha-L/beta-2 is also a receptor for F11R (PubMed:11812992, PubMed:15528364). Involved in a variety of immune phenomena including leukocyte-endothelial cell interaction, cytotoxic T-cell mediated killing, and antibody dependent killing by granulocytes and monocytes. Contributes to natural killer cell cytotoxicity (PubMed:15356110). Involved in leukocyte adhesion and transmigration of leukocytes including T-cells and neutrophils (PubMed:11812992). Required for generation of common lymphoid progenitor cells in bone marrow, indicating a role in lymphopoiesis (By similarity). Integrin alpha-L/beta-2 in association with ICAM3, contributes to apoptotic neutrophil phagocytosis by macrophages (PubMed:23775590).

References

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Note: This product is for in vitro research use only