Recombinant mouse Integrin alpha-L

Catalog No: #AP72629

SAB®

Signalway Antibody

Package Size: #AP72629-1 20ug   #AP72629-2 100ug   #AP72629-3 1mg

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	Recombinant mouse Integrin alpha-L
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:153-325aaSequence Info:Partial
Other Names	CD11 antigen-like family member ALeukocyte adhesion glycoprotein LFA-1 alpha chain ;LFA-1ALeukocyte function-associated molecule 1 alpha chain;Lymphocyte antigen 15 ;Ly-15; CD11a
Accession No.	P24063
Uniprot	P24063
Calculated MW	21.7 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	DLVFLFDGSQSLDRKDFEKILEFMKDVMRKLSNTSYQFAAVQFSTDCRTEFTFLDYVKQNKNPDVLLGSVQPM FLLTNTFRAINYVVAHVFKEESGARPDATKVLVIITDGEASDKGNISAAHDITRYIIGIGKHFVSVQKQKTLHIFAS EPVEEFVKILDTFEKLKDLFTDL
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes: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. Is 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. Mice expressing a null mutation of the alpha-L subunit gene donstrate impaired tumor rejection and impaired leukocytes recruitment.

References

Cloning of the murine lymphocyte function-associated molecule-1 alpha-subunit and its expression in COS cells.Kaufmann Y., Tseng E., Springer T.A.J. Immunol. 147:369-374(1991)Research Topic:Others

Note: This product is for in vitro research use only