



Anti-ITGAL monoclonal antibody, clone IL-A99 [R-PE] (CABT-45374MB)

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

PRODUCT INFORMATION

Product Overview	This product recognises the bovine CD11a cell surface antigen, a 180kDa glycoprotein, also known as integrin alpha L chain. CD11a is expressed on a wide range of cells, including lymphocytes, granulocytes, monocytes and macrophages. CD11a binds to CD18 to form a heterodimeric integral membrane protein, and plays a role in cell-cell adhesion processes. Flow Cytometry Use 10ul of the suggested working dilution to label 1x10 ⁶ cells in 100ul.
Specificity	ITGAL
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Bovine, Goat, Sheep
Clone	IL-A99
Conjugate	PE
Applications	FC
Format	Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilised
Size	100 tests
Preservative	0.09% Sodium Azide
Storage	Prior to reconstitution store at +4°C. Following reconstitution store at +4°C. DO NOT FREEZE.. This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	ITGAL integrin, alpha L (antigen CD11A (p180), lymphocyte function-associated antigen 1; alpha polypeptide) [Bos taurus (cattle)]
Official Symbol	ITGAL
Synonyms	ITGAL; integrin alpha-L; LFA-1A; antigen CD11A; CD11 antigen-like family member A; lymphocyte function-associated antigen 1, alpha; leukocyte adhesion glycoprotein LFA-1 alpha chain; leukocyte function-associated molecule 1 alpha chain;
Entrez Gene ID	281874
Protein Refseq	NP_937864.2
UniProt ID	P61625
Chromosome Location	25
Pathway	Adaptive Immune System; Cell adhesion molecules (CAMs); Cell surface interactions at the vascular wall; Epstein-Barr virus infection; Extracellular matrix organization; HTLV-I infection; Hemostasis; Immune System;
Function	metal ion binding