

Product datasheet for **AM05882FC-N**

ITGAL Mouse Monoclonal Antibody [Clone ID: BL1H8]

Product data:

Product Type:	Primary Antibodies
Clone Name:	BL1H8
Applications:	FC
Recommended Dilution:	Flow Cytometry: Use 10 µl of neat antibody to label 10e6 cells in 100 µl. Functional Assays: Removal of Sodium Azide is recommended prior to use.
Reactivity:	Bovine, Porcine, Sheep
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Porcine alveolar macrophages.
Specificity:	This antibody is specific for the porcine CD11a cell surface antigen, which is expressed on a range of cells including peripheral blood mononuclear cells, monocytes, granulocytes and alveolar macrophages. Clone BL1H8 is reported to inhibit Con-A driven T-cell proliferation and the mixed lymphocyte reaction (1).
Formulation:	Phosphate buffered saline pH 7.4, 0.09% Sodium Azide as preservative and 1% BSA as stabilizer. Label: FITC State: Liquid purified Ig fraction. Label: Fluorescein Isothiocyanate Isomer 1
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G.
Conjugation:	FITC
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



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Database Link: [Entrez Gene 281874 Bovine P61625](#)

Background: CD11a is a member of the integrin family of cell adhesion molecules. It is a glycoprotein expressed in combination with the CD18 beta chain. The complex is a member of the beta 2 integrin family. These molecules function in cell adhesion and specifically bind to CD54, ICAM2, ICAM3. CD11a is expressed on thymocytes, T and B lymphocytes, granulocytes, monocytes, and macrophages.

Synonyms: Integrin alpha-L, LFA1, LFA-1