

Product datasheet for **AM05889FC-N**

SIGLEC1 Mouse Monoclonal Antibody [Clone ID: 3B1/11]

Product data:

Product Type:	Primary Antibodies
Clone Name:	3B1/11
Applications:	FC
Recommended Dilution:	Flow cytometry: Use 10 µl of Neat antibody to label 1x10 ⁶ cells in 100 µl.
Reactivity:	Porcine
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Porcine alveolar macrophages.
Specificity:	This antibody is specific for the CD169 cell surface antigen, also known as sialoadhesin, which is expressed by subsets of cells of the macrophage/monocyte cell lineage. CD169 is preferentially expressed on cells in the late stages of maturation. It is expressed strongly on alveolar and tissue macrophages, but weakly on blood monocytes.
Formulation:	PBS Label: FITC State: Liquid purified IgG fraction from Tissue Culture Supernatant Stabilizer: 1% BSA Preservative: 0.09% Sodium Azide Label: Fluorescein Isothiocyanate Isomer 1
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
Conjugation:	FITC
Storage:	Store 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.
Database Link:	Entrez Gene 397623 Pig A7LCI3



[View online »](#)

Background:

Two families of mammalian lectin like adhesion molecules have been shown to bind glycoconjugate ligands in a sialic acid dependent manner: the selectins and the sialoadhesins. The sialoadhesin family has 4 members: CD22, a B cell specific marker; myelin associated glycoprotein (MAG), which is expressed on oligodendrocytes and Schwann cells; CD33, a myeloid differentiation antigen; and sialoadhesin, which is expressed only by a subpopulation of tissue macrophages. Involved in cell-cell interactions, sialoadhesin is structurally related to the 3 other listed members of the sialoadhesin family. CD169 is a sialic acid binding site of sialoadhesin. CD169 is a macrophage receptor expressed on stromal macrophages in many tissues, particularly found in lymph nodes, bone marrow and spleen.

Synonyms:

Sialoadhesin, Siglec-1