

Product datasheet for **AM05889PU-S**

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

Product data:

Product Type:	Primary Antibodies
Clone Name:	3B1/11
Applications:	FC, IHC, IP, WB
Recommended Dilution:	Immunoprecipitation. Flow Cytometry: Use 10 µl of 1/10-1/100 diluted antibody to label 1x10 ⁵ cells in 100 µl. Immunohistochemistry on Frozen Sections. <i>Positive Control:</i> Porcine spleen. Western Blot: Detects a band of approximately 190kD in alveolar macrophage extracts under non-reducing conditions.
Reactivity:	Porcine
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Porcine alveolar macrophages.
Specificity:	This antibody is specific for the Porcine 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 State: Purified State: Liquid purified IgG fraction from Tissue Culture Supernatant Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



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Database Link: [Entrez Gene 397623 Pig A7LCJ3](#)

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