

## Product datasheet for **AM05902LE-N**

### Siglec1 Rat Monoclonal Antibody [Clone ID: 3D6.112]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	3D6.112
Applications:	FC, IF, IHC
Recommended Dilution:	<b>Immunocytochemistry.</b> <b>Flow Cytometry:</b> 1/100-1/1000. <b>Immunohistochemistry on Frozen Sections:</b> 1/50-1/100. We recommend using fixation with either 2% paraformaldehyde or ethanol for optimal results.
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Purified Sialoadhesin. Spleen cells from an immunised AO rat were fused with the cells of the Y3 rat myeloma cell line.
Specificity:	This antibody recognises Mouse CD169, 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.
Formulation:	PBS State: Low Endotoxin State: Liquid purified IgG fraction Stabilizer: None Preservative: None
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	sialic acid binding Ig-like lectin 1, sialoadhesin



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**Database Link:** [Entrez Gene 20612 Mouse Q62230](#)

**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