

Product datasheet for **AM26779PU-N**

Siglec 7 (SIGLEC7) Mouse Monoclonal Antibody [Clone ID: 6-434]

Product data:

Product Type:	Primary Antibodies
Clone Name:	6-434
Applications:	FC
Recommended Dilution:	Flow cytometry.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human dendritic cells
Specificity:	This antibody recognizes CD328 (Siglec-7), a 75 kDa transmembrane glycoprotein expressed mainly on NK cells, dendritic cells and monocytes.
Formulation:	Phosphate buffered saline (PBS) State: Purified State: Liquid Ig fraction Preservative: 15 mM sodium azide, approx. pH 7.4
Concentration:	lot specific
Purification:	Protein-A affinity chromatography (> 95% pure by SDS-PAGE)
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C. DO NOT FREEZE!
Stability:	Shelf life: one year from despatch.
Gene Name:	sialic acid binding Ig like lectin 7
Database Link:	Entrez Gene 27036 Human Q9Y286



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Background:

CD328, also known as Siglec-7 or p75/AIRM1, is a 75 kDa type I transmembrane glycoprotein of sialic acid-binding immunoglobulin-like lectin (Siglec) family. CD328 binds to sialylated glycans with alpha2,6 sialyl and alpha2,8 disialyl residues and mediates sialic acid-dependent cell-cell binding. As it contains in its intracellular part the immunoreceptor tyrosine-based inhibitory motif (ITIM), it serves as an inhibitory receptor, e.g. of NK cells.

Synonyms:

Siglec-7, QA79 membrane protein, p75, D-siglec, CDw328, AIRM1