

Purified anti-human CD328 (Siglec-7)

Catalog # / Size:	2296010 / 100 µg
Clone:	6-434
Isotype:	Mouse IgG1, κ
Reactivity:	Human
Preparation:	The antibody was purified by affinity chromatography.
Formulation:	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.
Workshop Number:	VIII 80652
Concentration:	0.5

Applications:

Applications:	Flow Cytometry
Recommended Usage:	Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is ≤0.5 microg per million cells in 100 microL volume. It is recommended that the reagent be titrated for optimal performance for each application.
Application References:	NULL

Description: Siglec-7, also known as p75/AIRM1, is a 75 kD type I transmembrane protein and a member of the family of sialic acid-binding immunoglobulin-like lectins (Siglecs). It is primarily found on NK cells and monocytes. The cytoplasmic domain of Siglec-7 contains immunoreceptor tyrosine-based inhibitory motif (ITIM). CD328 mediates sialic acid-dependent cell-cell binding and functions as an inhibitory receptor of NK cells. CD328 preferentially binds to sialylated glycans with α2,8 disialyl and α2,6 sialyl residues.

Antigen References:

1. Avril T, *et al.*. 2006. *Infection and Immunity* 74:4133
2. Avril T, *et al.*. 2004. *J. Immunol.* 173:6841
3. Yamaji T, *et al.*. 2005. *Glycobiology* 15:667