Anti-Human Siglec 8-164Dy

Catalog: 3164017B
Package Size: 100 tests
Storage: Store product at 4°C. Do not freeze.
Reactivity: Human,

Clone: 7C9
Isotype: IgG1
Formulation: Antibody stabilizer with 0.05% Sodium Azide

Technical Information

Validation: Each lot of conjugated antibody is quality control tested by CyTOF® analysis of stained cells using the appropriate positive and negative cell staining and/or activation controls.

Recommended Usage: The suggested use is 1 µl for up to 3 X 10^6 live cells in 100 µl. It is recommended that the antibody be titrated for optimal performance for each of the desired applications.

Description

The monoclonal antibody 7C9 recognizes Siglec-8, a 54 kD type I transmembrane protein. Siglecs are cell surface receptors belonging to the immunoglobulin superfamily that recognize sugar antigens. Siglec-8 is specific for 6′-sulfo-sLex and is primarily expressed on eosinophils, with low level expression in basophils and mast cells. The cytoplasmic domain of Siglec-8 has two immunoreceptor tyrosine-based inhibitor motifs (ITIM), which recruit SH2-family phosphatases following tyrosine phosphorylation. There is evidence Siglec8 crosslinking decreases eosinophil viability through apoptotic induction.

References


For technical support visit fluidigm.com/support

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