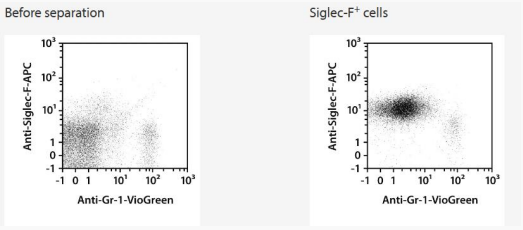
SiglecF Antibody-coupled magnetic MicroBeads

Cat. No. SiglecF-503M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Mouse
Capacity	for 1–2×10^9 cells
Background	Siglec-F, also known as Siglec-5, is a member of the sialic acid-binding immunoglobulin (Ig)-like lectins (Siglecs). The extracellular Ig domain binds specifically carbohydrate structures containing sialic acid residues. Siglec-F has, like most Siglecs, an immunoreceptor tyrosine-based inhibitory motif (ITIM) in its cytoplasmic domain and is discussed to play a role in eosinophil accumulation and survival. It is expressed in a tissue dependent manner on most eosinophils, but also found on alveolar macrophages and some neutrophils.
Analysis	 Siglec-F+ eosinophils were isolated from mouse peripheral blood using Anti-Siglec-F MicroBeads, two MS Columns, and a MiniMACS Separator. Cells were fluorescently stained with Anti-Siglec-F-APC and Anti-Gr-1-VioGreen and analyzed by flow cytometry using the MACSQuant Analyzer. Cell debris and dead cells were excluded from the analysis based on scatter signals and propidium iodide

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	fluorescence.

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