

For Research Use Only

# FcZero-rAb™ PE Anti-Human Siglec-8 Rabbit Recombinant Antibody

Catalog Number: PE-FcA98177



## Basic Information

Catalog Number:

PE-FcA98177

Size:

100 tests, 5 ul/test

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC053319

GeneID (NCBI):

27181

Full Name:

sialic acid binding Ig-like lectin 8

Calculated MW:

499 aa, 54 kDa

Purification Method:

Protein A purification

CloneNo.:

241275A5

Excitation/Emission maxima  
wavelengths:

496 nm, 565 nm / 578 nm

## Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : human peripheral blood leukocytes,

## Background Information

Sialic acid-binding Ig-like lectin 8 (Siglec-8), also known as SAF2, is a sialic acid-binding immunoglobulin-like lectin that belongs to the SIGLEC family of the Ig superfamily (PMID: 10856141). Siglec-8 is a single-pass transmembrane protein containing three extracellular immunoglobulin-like domains, a transmembrane region, and a cytoplasmic tail (PMID: 10625619). It is an inhibitory receptor selectively expressed on human mast cells and eosinophils, and at low levels on basophils (PMID: 10856141; 33374255). Engagement of Siglec-8 with antibody results in inhibiting IgE-mediated mast cell responses and reducing allergic inflammation (PMID: 32814824).

## Storage

Storage:

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

For technical support and original validation data for this product please contact:

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## Selected Validation Data



1x10<sup>6</sup> human peripheral blood leukocytes were surface stained with Coralite® Plus 405 Anti-Human CD16, and 5 ul PE Anti-Human Siglec-8 Rabbit RecAb (PE-FcA98177, Clone: 241275A5) or PE Rabbit IgG Isotype Control RecAb (PE-FcA98136, Clone: 240953C9). Cells were not fixed.