

**Anti-Siglec-8 Reference Antibody (lirentelimab)  
Recombinant Antibody  
Catalog # APR10724****Specification**

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**Anti-Siglec-8 Reference Antibody (lirentelimab) - Product Information**

|                   |                            |
|-------------------|----------------------------|
| Application       | FC, Kinetics, Animal Model |
| Primary Accession | <a href="#">Q9NYZ4</a>     |
| Reactivity        | Human, Mouse               |
| Clonality         | Monoclonal                 |
| Isotype           | IgG1                       |
| Calculated MW     | 145 KDa                    |

**Anti-Siglec-8 Reference Antibody (lirentelimab) - Additional Information****Target/Specificity**  
Siglec-8**Endotoxin**  
< 0.001EU/ µg,determined by LAL method.**Conjugation**  
Unconjugated**Expression system**  
CHO Cell**Format**  
Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.**Anti-Siglec-8 Reference Antibody (lirentelimab) - Protein Information****Name** SIGLEC8**Synonyms** SAF2**Function**  
Putative adhesion molecule that mediates sialic-acid dependent binding to blood cells (PubMed:<a href="http://www.uniprot.org/citations/10625619" target="\_blank">10625619</a>, PubMed:<a href="http://www.uniprot.org/citations/10856141" target="\_blank">10856141</a>). Preferentially binds to alpha-2,3-linked sialic acid. Also binds to alpha-2,6-linked sialic acid. The sialic acid recognition site may be masked by cis interactions with sialic acids on the same cell surface (PubMed:<a href="http://www.uniprot.org/citations/10625619" target="\_blank">10625619</a>). Recognizes simultaneously epitopes having a terminal N-acetylneuraminic acid (sialic acid) and an underlying 6-O-sulfated galactose. Preferentially binds to Gal-6-sulfated sialyl-Lewis X glycan epitopes (PubMed:<a href="http://www.uniprot.org/citations/27357658" target="\_blank">27357658</a>).

**Cellular Location**

Membrane; Single-pass type I membrane protein.

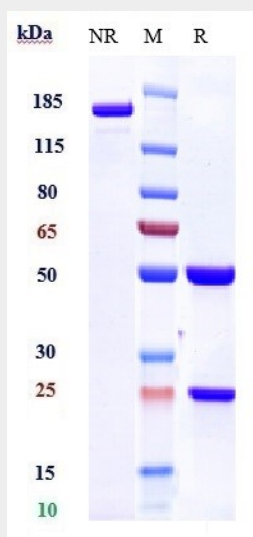
**Tissue Location**

Expressed specifically on blood cells namely basophil, mast cells and eosinophils.

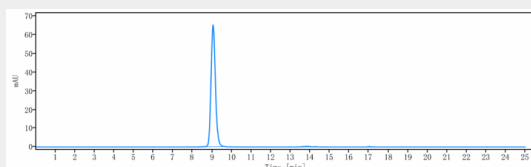
**Anti-Siglec-8 Reference Antibody (lirentelimab) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-Siglec-8 Reference Antibody (lirentelimab) - Images**

Anti-Siglec-8 Reference Antibody (lirentelimab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90%



The purity of Anti-Siglec-8 Reference Antibody (lirentelimab) is more than 95%, determined by SEC-HPLC.