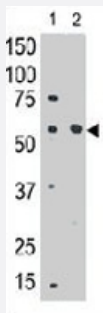


SIGLEC8 polyclonal antibody

Catalog # PAB3640

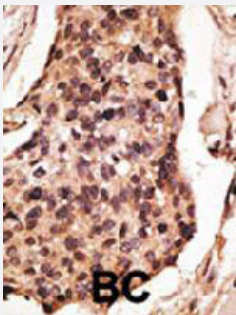
Size 400 uL

Applications



Western Blot

The SIGLEC8 polyclonal antibody (Cat # PAB3640) is used in Western blot to detect SIGLEC8 in mouse liver tissue lysate (lane 1) and in HL-60 cell lysate (lane 2).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human cancer tissue reacted with the SIGLEC8 polyclonal antibody (Cat # PAB3640), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of SIGLEC8.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to C-terminus of human SIGLEC8.
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Purification	Protein G purification

Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-100) Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

The SIGLEC8 polyclonal antibody (Cat # PAB3640) is used in Western blot to detect SIGLEC8 in mouse liver tissue lysate (lane 1) and in HL-60 cell lysate (lane 2) .

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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Gene Info — SIGLEC8

Entrez GeneID	27181
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Protein Accession#	Q9NYZ4
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Gene Name	SIGLEC8
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Gene Alias	MGC59785, SAF2, SIGLEC-8, SIGLEC8L
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Gene Description	sialic acid binding Ig-like lectin 8
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Omim ID	605639
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Gene Ontology	Hyperlink
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Other Designations	-
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Publication Reference

- [Molecular characterization of a Siglec8 variant containing cytoplasmic tyrosine-based motifs, and mapping of the Siglec8 gene.](#)

Foussias G, Yousef GM, Diamandis EP.

Biochemical and Biophysical Research Communications 2000 Nov; 278(3):775.

- [Identification of SAF-2, a novel siglec expressed on eosinophils, mast cells, and basophils.](#)

Kikly KK, Bochner BS, Freeman SD, Tan KB, Gallagher KT, D'alessio KJ, Holmes SD, Abrahamson JA, Erickson-Miller CL, Murdock PR, Tachimoto H, Schleimer RP, White JR.

The Journal of Allergy and Clinical Immunology 2000 Jun; 105(6 Pt 1):1093.

Application: AP, Recombinant protein

- [Siglec-8. A novel eosinophil-specific member of the immunoglobulin superfamily.](#)

Floyd H, Ni J, Cornish AL, Zeng Z, Liu D, Carter KC, Steel J, Crocker PR.

The Journal of Biological Chemistry 2000 Jan; 275(2):861.

Application: Flow Cyt, Human, Lymphocytes, Monocytes, Granulocytes

Disease

- [Asthma](#)
- [Genetic Predisposition to Disease](#)