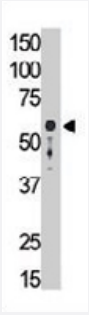
SIGLEC9 polyclonal antibody

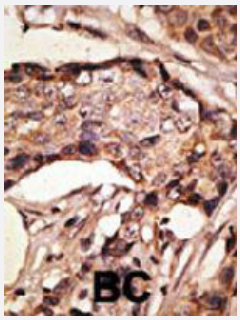
Catalog # PAB3642 Size 400 uL

Applications



Western Blot (Tissue lysate)

The SIGLEC9 polyclonal antibody (Cat # PAB3642) is used in Western blot to detect SIGLEC9 in mouse liver tissue lysate.



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

Formalin-fixed and paraffin-embedded human cancer tissue reacted with SIGLEC9 polyclonal antibody (Cat # PAB3642) , which was peroxidase-conjugated to the secondary antibody, followed by AEC 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 SIGLEC9.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to C-terminus of human SIGLEC9.
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 shoul d be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

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Gene Info — SIGLEC9

Entrez GeneID	27180
Protein Accession#	AAF87223
Gene Name	SIGLEC9
Gene Alias	CD329, CDw329, OBBP-LIKE
Gene Description	sialic acid binding Ig-like lectin 9
Omim ID	605640
Gene Ontology	Hyperlink
Other Designations	OB binding protein-like

Publication Reference

- The secreted protein discovery initiative (SPDI), a large-scale effort to identify novel human secreted and transmembrane proteins: a bioinformatics assessment.

  Clark HF, Gurney AL, Abaya E, Baker K, Baldwin D, Brush J, Chen J, Chow B, Chui C, Crowley C, Currell B, Deuel B, Dowd P, Eaton D, Foster J, Grimaldi C, Gu Q, Hass PE, Heldens S, Huang A, Kim HS, Klimowski L, Jin Y, Johnson S, Lee J, Lewis L, Liao D, Mark M, Robbie E, Sanchez C, Schoenfeld J, Seshagiri S, Simmons L, Singh J, Smith V, Stinson J, Vagts A, Vandlen R, Watanabe C, Wieand D, Woods K, Xie MH, Yansura D, Yi S, Yu G, Yuan J, Zhang M, Zhang Z, Goddard A, Wood WI, Godowski P, Gray A.

  Genome Research 2003 Sep; 13(10):2265.

- Siglec-9, a novel sialic acid binding member of the immunoglobulin superfamily expressed broadly on human blood leukocytes.

  Zhang JQ, Nicoll G, Jones C, Crocker PR.

  The Journal of Biological Chemistry 2000 Jul; 275(29):22121.

  Application: Flow Cyt, Human, Monkey, CHO cells, Lymphocytes, Monocytes, Granulocytes

- Identification and molecular characterization of a novel member of the siglec family (SIGLEC9).

  Foussias G, Yousef GM, Diamandis EP.

  Genomics 2000 Jul; 67(2):171.