

SIGLEC8 monoclonal antibody

Catalog: MB23124

Host: Mouse

Reactivity: Human, Mouse, Rat

BackGround:

Sialic acid-binding immunoglobulin (Ig)-like lectins, or SIGLECs (e.g., CD33 (MIM 159590)), are a family of type 1 transmembrane proteins each having a unique expression pattern, mostly in hemopoietic cells. SIGLEC8 is a member of the CD33-like subgroup of SIGLECs, which are localized to 19q13.3-q13.4 and have 2 conserved cytoplasmic tyrosine-based motifs: an immunoreceptor tyrosine-based inhibitory motif, or ITIM (see MIM 604964), and a motif homologous to one identified in signaling lymphocyte activation molecule (SLAM; MIM 603492) that mediates an association with SLAM-associated protein (SAP; MIM 300490) (summarized by Foussias et al., 2000 [PubMed 11095983])

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

54kDa

Swiss-Prot:

Q9NYZ4

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB:1/500 - 1/2000 IHC:1/200 - 1/1000 FC:1/200 - 1/400

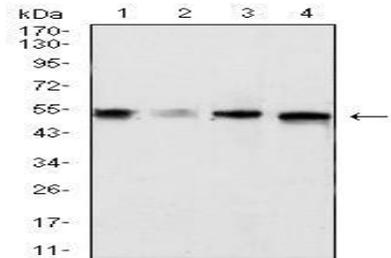
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

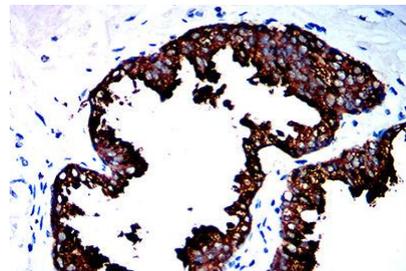
Isotype:

Mouse IgG2b

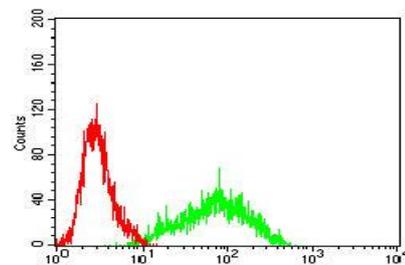
DATA:



Western blot analysis using SIGLEC8 mouse mAb against mouse Liver (1), rat Liver (2) tissues lysate, MCF-7 (3), and HT-29 (4) cell lysate.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissues using SIGLEC8 mouse mAb with DAB staining.



Flow cytometric analysis of Jurkat cells using SIGLEC8 mouse mAb (green) and negative control (red).

Note:

For research use only, not for use in diagnostic procedure.

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