bs-22097R **[Primary Antibody]**

SIGLEC8 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 27181 **SWISS:** Q9NYZ4

Target: SIGLEC8

Immunogen: KLH conjugated synthetic peptide derived from human SIGLEC8: 281-380/499. < Extracellular >

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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]).[supplied by OMIM, May 2010]

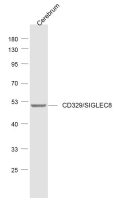
Applications: **WB** (1:500-2000)

Reactivity: Mouse (predicted: Human)

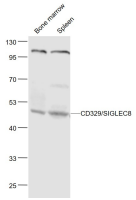
Predicted MW.: 50 kDa

Subcellular Location: Cell membrane

VALIDATION IMAGES



Sample: Cerebrum (Mouse) Lysate at 40 ug Primary: Anti-CD329’ SIGLEC8 (bs-22097R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 50 kD Observed band size: 50 kD



Sample: Bone marrow (Mouse) Lysate at 40 ug Spleen (Mouse) Lysate at 40 ug Primary: Anti-CD329 ‘SIGLEC8 (bs-22097R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 50 kD Observed band size: 50 kD