



Anti-SIGLEC8 (aa 18-121) polyclonal antibody (DPAB-DC1363)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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]
Immunogen	SIGLEC8 (NP_055257, 18 a.a. ~ 121 a.a) partial recombinant protein with GST tag. The sequence is EGDRQYGDGYLLQVQELVTVQEGLCVHVPCSFSYPQDGWTSDPVHGYWFRAGDRPYQDA PVATNNPDREVQAETQGRFQLLTDIWSNDCSLSIRDARKRDKG
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	SIGLEC8 sialic acid binding Ig-like lectin 8 [Homo sapiens (human)]
Official Symbol	SIGLEC8
Synonyms	SIGLEC8; sialic acid binding Ig-like lectin 8; SAF2; SIGLEC-8; SIGLEC8L; sialic acid-binding Ig-like lectin 8; SAF-2; CDw329; sialoadhesin family member 2;
Entrez Gene ID	27181
Protein Refseq	NP_055257
UniProt ID	Q9NYZ4
Chromosome Location	19q13.33-q13.41
Function	carbohydrate binding; protein binding; transmembrane signaling receptor activity;