

## Sialic Acid Binding Ig Like Lectin 8 (SIGLEC8) Antibody

Catalogue No.:abx028703



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SIGLEC8 is a putative adhesion molecule that mediates sialic-acid dependent binding to cells. It preferentially binds to alpha2, 3-linked sialic acid. and also binds to alpha2, 6-linked sialic acid. The sialic acid recognition site may be masked by cis interactions with sialic acids on the same cell surface. SIGLEC8 is expressed specifically on eosinophils. The protein contains 1 copy of a cytoplasmic motif that is referred to as the immunoreceptor tyrosine-based inhibitor motif (ITIM). This motif is involved in downmodulation of cellular responses. The phosphorylated ITIM motif binds to the SH2 domain of PTPN6/SHP-1. The SIGLEC8 gene belongs to the immunoglobulin superfamily.

Target:	Sialic Acid Binding Ig Like Lectin 8 (SIGLEC8)	
Clonality:	Polyclonal	
Reactivity:	Human, Mouse	
Tested Applications:	ELISA, WB, IHC	
Host:	Rabbit	
Recommended dilutions:	WB: 1/1000, IHC-P: 1/50 - 1/100. Not tested in IHC-F. Optimal dilutions/concentrations should b determined by the end user.	e
Conjugation:	Unconjugated	
Immunogen:	KLH-conjugated synthetic peptide between 373-406 amino acids from the C-terminal region of human SIGLEC8.	
lsotype:	lgG	
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VI.U.U	Addexa LTD, Cambridge, UK · Phone: +44 (U) 1223 /55950 · Fax: +44 (U) 1223 /55951	1 01



Form:	Liquid
Purification:	Purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q9NYZ4 ( <u>UniProt</u> , <u>ExPASy</u> )
String:	<u>9606.ENSP00000321077</u>
Molecular Weight:	Calculated MW: 54 kDa
Buffer:	PBS containing 0.09% sodium azide.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.