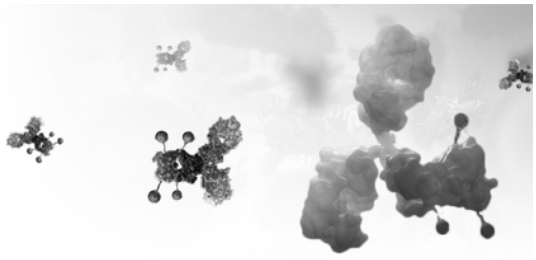

Mouse Anti-Human SIGLEC9 Monoclonal Antibody, clone 202351 [Functional Grade] (CABT-Z892M)

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

PRODUCT INFORMATION

Specificity	Detects human Siglec-9 in direct ELISAs and Western blots. In direct ELISAs, less than 10% cross-reactivity with recombinant mouse Siglec-E is observed and less than 1% cross-reactivity with recombinant human (rh) Siglec-3, rhSiglec-5, rhSiglec-6, rhSiglec-7, rhSiglec-8 or rhSiglec-10 is observed. In Western blots, approximately 100% cross - reactivity with recombinant mouse Siglec-E is observed under non-reduced conditions.
Immunogen	Recombinant human Siglec-9, Gln18-Gly348 (predicted).
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	202351
Purification	Protein A or G purified
Conjugate	Functional Grade
Applications	WB, FC, BL, Neut, ELISA(Cap)
Reconstitution	Reconstitute at 0.5 mg/mL in sterile PBS.
Format	Lyophilized
Size	100 µg

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Buffer	PBS with Trehalose. Endotoxin Level <1.0 EU per 1 μg of the antibody by the LAL method.
Preservative	None
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 6 months, -20 to -70 °C under sterile conditions after reconstitution. 1 month, 2 to 8 °C under sterile conditions after reconstitution.
Ship	Wet ice

BACKGROUND

Introduction	The cDNA of human Siglec-9 encodes a 463 amino acid (aa) polypeptide with a hydrophobic signal peptide, an N-terminal Ig-likeV-type domain, two Ig-like C2-type domains, a transmembrane region and a cytoplasmic tail. In peripheral blood leukocytes, Siglec-9 is expressed on neutrophils, monocytes, a fraction of NK cells, B cells, and a minor subset of CD8+ T cells. It binds equally well to both 2,3- and 2,6-linked sialic acid. Siglec-9 is closely related to Siglec-7, and they share ~80% amino acid sequence identity. The gene encoding siglec-9 was mapped to chromosome 19q13.4.
Keywords	SIGLEC9;sialic acid binding Ig-like lectin 9;sialic acid-binding Ig-like lectin 9;CD329;protein FOAP-9;CDw329

GENE INFORMATION

Gene Name	SIGLEC9
Entrez Gene ID	27180
UniProt ID	Q9Y336

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