

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse Siglec-3/CD33 in direct ELISAs.
Source	Monoclonal Rat IgG _{2B} Clone # 925763
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>S. frugiperda</i> insect ovarian cell line Sf 21-derived recombinant mouse Siglec-3/CD33 Gln17-Val244 Accession # Q63994
Conjugate	Alexa Fluor 700 Excitation Wavelength: 675-700 nm Emission Wavelength: 723 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Western Blot Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

Siglecs (Sialic acid binding Ig-like Lectins) are I-type (Ig-type) cell-surface lectins that recognize sialic acid within specific glycan structures. Mouse Siglec-3, also known as CD33 and GP67, is expressed primarily on myeloid precursors in the bone marrow and on granulocytes in peripheral blood. Two isoforms have been reported for mouse Siglec-3 that display distinct cytoplasmic domains resulting from differential mRNA splicing.

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