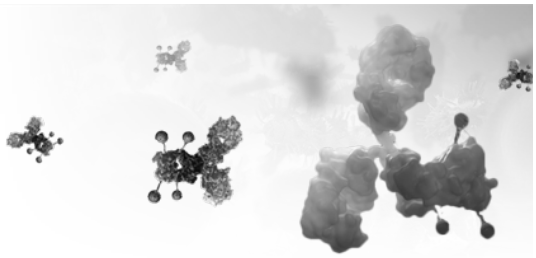

Mouse Anti-Human Siglec-5/Siglec-14 Monoclonal Antibody, clone 205239 [Functional Grade] (CABT-Z895M)

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

PRODUCT INFORMATION

Specificity	Detects human Siglec-5/Siglec-14 in ELISAs. In sandwich immunoassays, 100% cross-reactivity with recombinant human (rh) Siglec-14 is observed and no cross-reactivity with rhSiglec-3, rhSiglec-7, or rhSiglec-9 is observed.
Immunogen	Recombinant human Siglec-5/Siglec-14, Lys18-Thr434.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	205239
Purification	Protein A or G purified
Conjugate	Functional Grade
Applications	FC, BL, Neut, ELISA(Cap)
Reconstitution	Reconstitute at 0.5 mg/mL in sterile PBS.
Format	Lyophilized
Size	100 µg
Buffer	PBS with Trehalose. Endotoxin Level <0.1 EU per 1 µg of the antibody by the LAL method.
Preservative	None

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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	Siglecs (sialic acid binding Ig-like lectins) are a subgroup of the immunoglobulin superfamily that interact with sialic acids in glycoproteins and glycolipids. Siglec-5 binds to alpha-2, 3- and alpha-2, 6-linked sialic acid equally. It occurs as a disulfide-linked dimer of approximately 140 kDa with the highest expression levels in hematopoietic tissues. Siglec-5 has an inhibitory motif within its cytoplasmic domain. Siglec-14 is an activating receptor that shares 99.5% aa sequence identity with Siglec-5 through the first two extracellular Ig domains and displays a similar glycan binding preference.
Keywords	Siglec-5/Siglec-14;Siglec-5;Siglec-14

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