Anti-SIGLEC9 (ECD domain) Neutralizing Antibody (V3S-0822-YC2328)

Cat. No.: V3S-0822-YC2328

Summary

Description	This product is a mouse monoclonal antibody provided by Creative Biolabs. The antibody is capable of recognizing sialic acid binding Ig like lectin 9. It can be used for SIGLEC9 detection in Neutralization Assay (Neut), Western Blot (WB). The antibody is expressed in mammalian cells (293F or CHO) with antibody encoding genes and purified by affinity chromatography. Each lot of this antibody is quality control tested by SDS-PAGE and SEC-HPLC analysis. For highly sensitive assays, we recommend the ultra purified form of the product, which has a lower endotoxin limit than standard antibody, less than 1 EU/mg or even 0.1 EU/mg.
Clonality	Monoclonal
Host Species	Mouse
Target Species	Human
Immunogen	Recombinant fragment of Human SIGLEC9 extracellular domain.
Epitope	Within the ECD domain.
Isotype	IgG2
Isotype Control	C13524; C23407; C21433; C22403
Secondary Antibody	C47504; C37557; C41360; C32672; C10001

Property

Conjugation	Unconjugated
Purity	>95%, determined by SDS-PAGE
Purification	Protein G purified
Storage	Store at 4°C within one or two weeks. Store at -20°C for long term. Avoid repeated freeze/thaw cycles. Refer to the COA file for specifics.

Applications

Application	Neut; WB

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Target

Target	SIGLEC9
Alternative Name	SIGLEC9; sialic acid binding Ig like lectin 9; CD329; CDw329; FOAP-9; siglec-9; OBBP-LIKE
Gene ID	27180
UniProt	Q9Y336
Introduction	Sialic acid-binding Ig-like lectin 9 is a protein that in humans is encoded by the SIGLEC9 gene. Putative adhesion molecule that mediates sialic-acid dependent binding to cells. Preferentially binds to alpha-2,3- or alpha-2,6-linked sialic acid. The sialic acid recognition site may be masked by cis interactions with sialic acids on the same cell surface.
Research Area	Cardiovascular

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