

## Product Datasheet

### Mouse Siglec-10 Protein orb651995

<b>Description</b>	The siglecs (sialic acid-binding Ig-like lectins) are a distinct subset of the Ig superfamily with adhesion-molecule-like structure. We describe here a novel member of the siglec protein family that shares a similar structure including five Ig-like domains, a transmembrane domain, and a cytoplasmic tail containing two ITIM-signaling motifs. Siglec-10 was identified through database mining of an asthmatic eosinophil EST library. The Siglec-10-VAP-1 interaction seems to mediate lymphocyte adhesion to endothelium and has the potential to modify the inflammatory microenvironment via the enzymatic end products.
<b>Reactivity</b>	Mouse
<b>Conjugation</b>	Unconjugated
<b>Endotoxins</b>	1.0 EU per ?g
<b>Target</b>	Siglec-10
<b>Form/Appearance</b>	Powder
<b>Preservatives</b>	25 mM MES, 150 mM NaCl, pH5.5
<b>Storage</b>	-20?
<b>Tag</b>	C-10xHis
<b>Note</b>	For research use only.
<b>Protein Sequence</b>	NP_766488.2
<b>Purity</b>	90%
<b>MW</b>	60.7 kDa
<b>Source</b>	Mouse Siglec-10, His Tag (orb651995) is expressed from human 293 cells (HEK293). It contains AA Met 18 - Lys 543 (Accession # Q80ZE3-1).
<b>Biological Origin</b>	Mouse
<b>Expression Region</b>	Met 18 - Lys 543
<b>NCBI</b>	<a href="#">NP_766488.2</a>
<b>Expiration Date</b>	6 months from date of receipt.
<b>Application Notes</b>	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 60.7 kDa. The protein migrates as 80-90 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.