

Rev03
 Update: Aug,08,2025
DATASHEET

Siglec-2/CD22, His, Rhesus macaque

Cat. No.: Z06449

Product Introduction

Species	Rhesus macaque
Protein Construction	<div style="display: flex; align-items: center; justify-content: center;"> <div style="background-color: #0056b3; color: white; padding: 5px; text-align: center;"> Siglec-2/CD22 (Ser20-Arg686) Accession # EHH29920.1 </div> <div style="margin: 0 10px;">→</div> <div style="background-color: #76923c; color: white; padding: 5px; text-align: center;"> His </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 5px;"> N-term C-term </div>
Purity	> 95% as determined by Bis-Tris PAGE
Endotoxin Level	Less than 1EU per µg by the LAL method.
Biological Activity	AntiSiglec2 Antibody captured on CM5 Chip via Protein A can bind Siglec-2/CD22, His, Rhesus macaque, His Tag in SPR assay (Biacore T200). Test result was comparable to standard batch.
Expression System	HEK293
Theoretical Molecular Weight	76.14 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 100-120 kDa based on Bis-Tris PAGE result.
Formulation	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
Concentration	Verified by one or more methods from A280/Bioactivity/BCA/Bradford.
Storage & Stability	This product remains stable for 6 months at -80°C or below. Avoid repeated freeze-thaw cycles.

Background

Target Background : CD22, or cluster of differentiation-22, is a molecule belonging to the SIGLEC family of lectins. It is found on the surface of mature B cells and to a lesser extent on some immature B cells. CD22 a member of the immunoglobulin superfamily. CD22 functions as an inhibitory receptor for B cell receptor (BCR) signaling. It is also involved in the B cell trafficking to Peyer's patches in mice.

Synonyms : CD22 molecule; CD22; Siglec-2; B-cell receptor CD22; BL-CAM; SIGLEC2; SIGLEC2FLJ22814

For research use only. Not intended for human or animal clinical trials, therapeutic or diagnostic use.

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