Siglec-2/CD22
Catalog # PVGS1939

Specification

Siglec-2/CD22 - Product Information

Primary Accession   P20273-1
Species
Human

Sequence
Asp20-Arg687

Purity
> 95% as determined by Bis-Tris PAGE
 > 95% as determined by HPLC

Endotoxin Level
Less than 1EU per µg by the LAL method.

Biological Activity
Measured by its binding ability in a functional ELISA. Immobilized Siglec-2/CD22[Biotin], His & Avi, Human at 1 µg/ml (100 µl/well) on the streptavidin precoated plate (5 µg/ml) can bind Anti-Siglec-2 Antibody, hFc Tag. Test result was comparable to standard batch.

Expression System
HEK293

Theoretical Molecular Weight
78.1 kDa

Formulation   **Lyophilized from a 0.22 µm filtered**
                                                     solution in PBS, (pH 7.4).
Reconstitution
Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
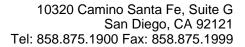
Storage & Stability
Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.

Siglec-2/CD22 - Additional Information

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.

Siglec-2/CD22 - Protein Information

Siglec-2/CD22 - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytomety](#)
- [Cell Culture](#)

Siglec-2/CD22 - Images