

**Siglec-2/CD22**  
**Catalog # PVGS1910****Specification**

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**Siglec-2/CD22 - Product Information**

Primary Accession [P20273-1](#)  
**Species**  
Human

**Sequence**  
Asp20-Arg687

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

**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, His, Human at 1 µg/ml (100 µl/well) on the plate can bind Anti-Siglec-2 Antibody, hFc Tag. Test result was comparable to standard batch.

**Expression System**  
HEK293

**Theoretical Molecular Weight**  
76.2 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 Cytometry](#)
- [Cell Culture](#)

## **Siglec-2/CD22 - Images**