

Fc gamma RIIIB/CD16b (NA2)
Catalog # PVGS1945**Specification**

Fc gamma RIIIB/CD16b (NA2) - Product Information

Primary Accession [O75015-1](#)
Species
Human

Sequence
Gly17-Ser200(NA2)

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
Fc gamma RIIIB/CD16b (NA2), His & Avi, Human captured on CM5 Chip via anti his antibody can bind Rituximab in SPR assay (Biacore T200). Test result was comparable to standard batch.

Expression System
HEK293

Theoretical Molecular Weight
23.7 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.

Fc gamma RIIIB/CD16b (NA2) - Additional Information

Target Background
Human Fc gamma RIIIB/CD16b Protein is a receptor for the Fc region of immunoglobulins gamma. Low affinity receptor. Binds complexed or aggregated IgG and also monomeric IgG. Contrary to III-A, is not capable to mediate antibody-dependent cytotoxicity and phagocytosis. May serve as a trap for immune complexes in the peripheral circulation which does not activate neutrophils.

Fc gamma RIIIB/CD16b (NA2) - Protein Information

Fc gamma RIIIB/CD16b (NA2) - 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](#)

Fc gamma RIIIB/CD16b (NA2) - Images