

Fc gamma RIIIA/CD16a (F176)
Catalog # PVGS1914

Specification

Fc gamma RIIIA/CD16a (F176) - Product Information

Primary Accession [P08637-1](#)

Species
Human

Sequence
Gly17-Gln208(F176)

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 Anti-Fc gamma RIIIA Antibody, hFc Tag at 5 µg/ml (100 µl/well) on the plate can bind Fc gamma RIIIA/CD16a (F176)[Biotin], His & Avi, Human. Test result was comparable to standard batch.

Expression System
HEK293

Theoretical Molecular Weight
24.7 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 RIIIA/CD16a (F176) - Additional Information

Target Background
Human Fc gamma RIIIA/CD16a Protein is a receptor for the Fc region of IgG. Binds complexed or aggregated IgG and also monomeric IgG. Mediates antibody-dependent cellular cytotoxicity (ADCC) and other antibody-dependent responses, such as phagocytosis.

Fc gamma RIIIA/CD16a (F176) - Protein Information

Fc gamma RIIIA/CD16a (F176) - 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 RIIIA/CD16a (F176) - Images