

**Fc gamma RIIIA/CD16a (F176)**  
**Catalog # PVGS1944****Specification**

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**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 Fc gamma RIIIA/CD16a (F176), His & Avi, Human at 2 µg/ml (100 µl/well) on the plate can bind Anti-Fc gamma RIIIA Antibody, hFc Tag. 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**