10320 Camino Santa Fe, Suite G
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Fc gamma RIIIA/CD16a (V176)

Catalog # PVGS1903

Specification

Fc gamma RIIIA/CD16a (V176) - Product Information

Primary Accession AAH17865

Species
Human

Sequence
Gly17-Gln208 (V176)

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 (V176)[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 (V176) - Additional Information

Target Background
The 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 (V176) - Protein Information

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Fc gamma RIIIA/CD16a (V176) - 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

Fc gamma RIIIA/CD16a (V176) - Images