

**Fc gamma RIV/CD16-2**  
**Catalog # PVGS1901****Specification**

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**Fc gamma RIV/CD16-2 - Product Information**

Primary Accession

[A0A0B4J1G0-1](#)**Species**

Mouse

**Sequence**

Gly21-Gln203

**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 RIV/CD16-2, His, Mouse captured on CM5 Chip via antiHis antibody can bind AntiCD3 Antibody in SPR assay (Biacore T200). Test result was comparable to standard batch.

**Expression System**

HEK293

**Theoretical Molecular Weight**

22 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 RIV/CD16-2 - Additional Information****Target Background**

FcgammaRIV is a relatively new IgG Fc receptor (FcgammaR) that is reported to contribute to the pathogenesis of autoimmune diseases. FcgammaRIII and FcgammaRIV are each essential to trigger an FcRgamma-linker for activation of T-cell-dependent signal that drives C5a production in the Arthus reaction. A combined requirement for FcgammaRIII and FcgammaRIV in autoimmune injury, and identify the linker for activation of T cells adaptor as an integral component of linked FcgammaR and C5a anaphylatoxin receptor activation to generate inflammation.

## **Fc gamma RIV/CD16-2 - Protein Information**

### **Fc gamma RIV/CD16-2 - 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 RIV/CD16-2 - Images**