

Antibody Data

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|----------------------|-----------------|---------------|--------------|
| Product SKU: | AGEL1439 | Clone: | GR-20 |
| Applications: | FCM | | |
| Reactivity: | Mouse | | |

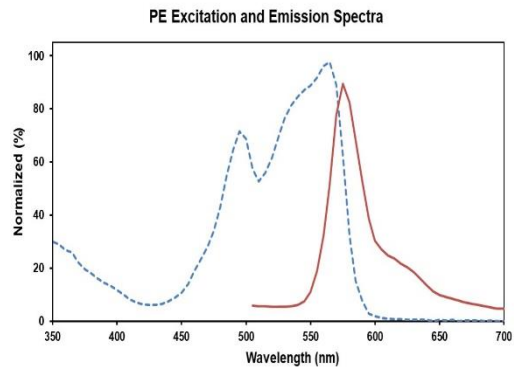
Important Note:

Centrifuge before opening to ensure complete recovery of vial contents.

Product Information:

Alternate Names: Interferon gamma receptor 1; Ifngr1; IFN-gamma-R1; IFN-gamma-R-alpha; CD119;
Uniprot ID: P15261
Background: CDw119 is a 90 kD immunoglobulin superfamily member, also known as IFN-γRα chain. It is a class II cytokine receptor family member that serves as a IFN-γ-binding chain associated with the IFN-γ β chain also known as AF-1. In addition to ligand binding, CDw119 participates in ligand trafficking. CDw119 is expressed on T and B cells, NK cells, fibroblasts, endothelial, and epithelial cells. Binding of IFN-γ induces receptor dimerization, internalization, Jak1 and Jak2 protein kinase activation and, ultimately, STAT1 activation. IFN-γ initiates and regulates a variety of immune responses.

Form: Liquid
Conjugation: PE
Size: 25µg, 100µg
Host Species: Rat
Isotype: Rat IgG2a, κ



Ex:495;565 nm; Em:575 nm

Isotype Control: PE Rat IgG2a, κ Isotype Control[2A3] [Product AGEL1439]
Storage Buffer: Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.
Shipping: Biological ice pack at 4°C

Stability & Storage: Keep as concentrated solution. Store at 2~8°C and protected from prolonged exposure to light. Do not freeze. Centrifuge before opening to ensure complete recovery of vial contents. This product is guaranteed up to one year from purchase.

Recommended Usage: Each lot of this antibody is quality control tested by flow cytometric analysis. Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. We suggest each investigator should titrate the reagent to obtain optimal results [The recommended concentration is 0.1-1 µg/10⁶ cells in 100 µL volume].
