

Antibody Data

Product SKU:	AGEL1440	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.

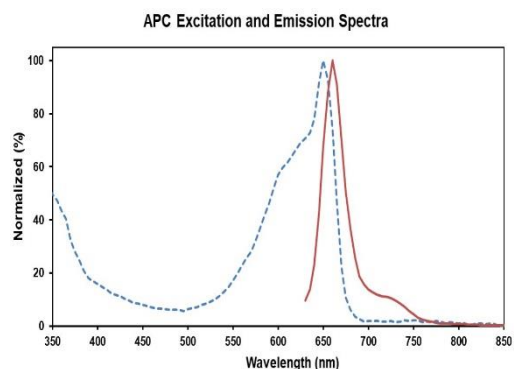
Form: Liquid

Conjugation: APC

Size: 25µg, 100µg

Host Species: Rat

Isotype: Rat IgG2a, κ



Ex:650 nm; Em:660 nm

Isotype Control: APC Rat IgG2a, κ Isotype Control[2A3] [Product AGEL1440]

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].
