

**Purified Anti-Mouse CD119 Antibody
[GR-20]**

Catalogue Code: AGEL0433

Antibody Data

Product SKU:	AGEL0433	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- γ R α 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:	Unconjugated
Size:	25 μ g, 100 μ g
Host Species:	Rat
Isotype:	Rat IgG2a, κ
Isotype Control:	Purified Rat IgG2a, κ Isotype Control[2A3] [Product AGEL0433]
Storage Buffer:	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.
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. For flow cytometric staining, the suggested use of this reagent is $\leq 2.0 \mu\text{g}$ per 10^6 cells in 100 μL volume or 100 μL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.
