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Biotin Anti-Mouse CD119 Antibody[GR-20]

Catalog Number: E-AB-F1115B

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Mouse Host Rat

Isotype Rat IgG2a, κ **Clone No.** GR-20

Isotype Control Biotin Rat IgG2a, κ Isotype Control[2A3] [Product E-AB-F09833B]

Conjugation Biotin

Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

Applications Recommended usage

FCM 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 1.0 μ g per 10⁶ cells in 100 μ L volume or 100 μ L of whole blood. It is recommended that the reagent be titrated for

optimal performance for each application.

Preparation & Storage

Storage Keep as concentrated solution.

This product can be stored at 2-8°C for 12 months. Do not freeze.

Shipping Ice bag

Antigen Information

Alternate Names CD119;IFN-gamma-R-alpha;IFN-gamma-R1;Ifngr1;Interferon gamma receptor 1

 Uniprot ID
 P15261

 Gene ID
 15979

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

Rev. V1.5

responses.

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