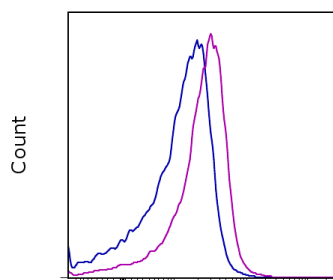


Anti-Mouse CD119 (IFN gamma Receptor 1) PE

Catalog Number: 12-1191

Also known as: IFN γ R1

RUO: For Research Use Only. Not for use in diagnostic procedures.




CD119 (IFN gamma Receptor) PE

Staining of BALB/c splenocytes with 1 μ g of Armenian Hamster IgG Isotype Control PE (cat. 12-4888) (blue histogram) or 1 μ g of Anti-Mouse CD119 (IFN gamma Receptor 1) PE (purple histogram). Total viable cells were used for analysis.

Product Information

Contents: Anti-Mouse CD119 (IFN gamma Receptor 1) PE

 **Catalog Number:** 12-1191

Clone: 2E2

Concentration: 0.2 mg/mL

Host/Isotype: Armenian Hamster IgG

Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer

Temperature Limitation: Store at 2-8°C. Do not freeze. Light sensitive material.

Batch Code: Refer to vial

Use By: Refer to vial

Caution, contains Azide



Description

The monoclonal antibody 2E2 recognizes mouse CD119 also known as IFN gamma receptor1. CD119 heterodimerizes with IFN gamma receptor 2 (AF-1) forming the Class II cytokine receptor. The ligand IFN gamma binds IFN gamma receptor 1 subunit but signal transduction transpires via the IFN gamma receptor 2 subunit. The receptor is involved in host defense and expression is broad including B cells, NK cells, macrophages and dendritic cells as well as other non-hematopoietic cell types.

Applications Reported

This 2E2 antibody has been reported for use in flow cytometric analysis.

Applications Tested

This 2E2 antibody has been tested by flow cytometric analysis of mouse splenocytes. This can be used at less than or equal to 1 μ g per test. A test is defined as the amount (μ g) of antibody that will stain a cell sample in a final volume of 100 μ L. Cell number should be determined empirically but can range from 10^5 to 10^8 cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest. In addition, longer incubations appear to help stain the population; therefore we recommend a 60 minute incubation at 4° C.

References

Feng C, Keisler DH, Fritsche KL. Dietary omega-3 polyunsaturated fatty acids reduce IFN-gamma receptor expression in mice. J Interferon Cytokine Res. 1999 Jan;19(1):41-8.

Bach EA, Aguet M, Schreiber RD. The IFN gamma receptor: a paradigm for cytokine receptor signaling. Annu Rev Immunol. 1997;15:563-91. Review.

Related Products

12-4888 Armenian Hamster IgG Isotype Control PE (eBio299Arm)

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