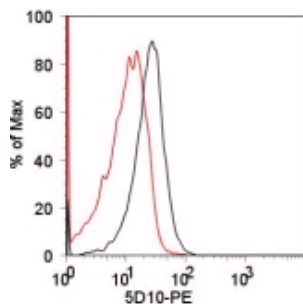


Anti-Mouse/Rat MULT1 (NKG2D Ligand) PE

Catalog Number: 12-5863

Also Known As: NKG2DL, MULT-1

RUO: For Research Use Only



Staining of the A20 cell line with 0.5 µg of Armenian Hamster IgG Isotype Control PE (cat. 12-4888) (red histogram) or 0.5 µg of Anti-Mouse/Rat MULT1 (NKG2D Ligand) PE (black histogram). Total viable cells were used for analysis.

Product Information

Contents: Anti-Mouse/Rat MULT1 (NKG2D Ligand) PE


REF Catalog Number: 12-5863

Clone: 5D10

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.

LOT Batch Code: Refer to Vial

 Use By: Refer to Vial

 Caution, contains Azide

Description

The 5D10 monoclonal antibody reacts with the murine MULT-1 (Murine ULBP-Like Transcript 1). MULT-1 is a type I transmembrane protein with two Ig-like domain and is one of the known murine NKG2-D ligands that include RAE1 molecules (alpha, beta, epsilon, gamma and delta) and H60. MULT-1 is a high affinity ligand for NKG2D. Expression of NKG2-D ligands is low or absent on normal adult tissues. However, stressed or transformed cells express NKG2-D ligand and can activate NK cell tumoricidal activity. Until now, the expression of NKG2-D ligands has been mainly studied with NKG2-D tetramers recognizing all NKG2-D ligands.

Applications Reported

This 5D10 antibody has been reported for use in flow cytometric analysis.

Applications Tested

This 5D10 antibody has been tested by flow cytometric analysis of the A20 cell line. This can be used at less than or equal to 1 µg per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10⁵ to 10⁸ cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

References

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Related Products

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

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