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PE Anti-Mouse CD71 Antibody[R17 217.1.3/TIB-219]

Catalog No.E-AB-F1093DReactivityMouseStorageStore at 2~8°C, Avoid freeze / thaw cyclesApplicationsFCM

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

Antigen Information

Alternate Names Transferrin receptor protein 1,Tfrc,TR,TfR,TfR1,Trfr,CD71

Uniprot ID Q6235

Background CD71 is a 95 kD type II heterodimeric transmembrane glycoprotein that is also known as T9 and

transferrin receptor. CD71 is expressed on proliferating cells, reticulocytes, and erythroid precursors. Its expression is very low on resting leukocytes. CD71 plays a role in the control of cellular proliferation by facilitating the uptake of iron via ferrotransferrin binding and the

recycling of apotransferrin to the cell surface.

Product Details

Form Liquid

Size 50Tests/100Tests/100Tests×2

Clone No. R17 217.1.3/TIB-219

Host Rat

IsotypeRat IgG2a, κReactivityMouseApplicationFCM

Isotype Control PE Rat IgG2a, κ Isotype Control[2A3] [Product E-AB-F09832D]

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.

This product is guaranteed up to one year from purchase.



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Fluorophore

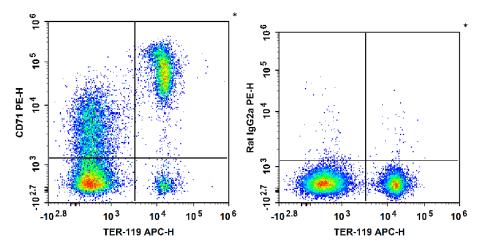
Conjugation: PE

PE is designed to be excited by the Blue (488 nm), Green (532 nm) and Yellow-Green (561 nm) lasers and detected using an optical filter centered near 575 nm (e.g., a 585/42 nm bandpass filter).

Recommended usage

Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent is suggested to be used 5 μ L of antibody per test (million cells in 100 μ L staining volume or per 100 μ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

Product data



C57BL/6 murine bone marrow cells are stained with APC Anti-Mouse TER-119 Antibody and PE Anti-Mouse CD71 Antibody (Left). Bone marrow cells are stained with APC Anti-Mouse TER-119 Antibody and PE Rat IgG2a, κ Isotype Control (Right).

Related Information

- 1. Sample Preparation for Flow Cytometry https://www.elabscience.com/List-detail-5594.html
- 2. Staining Cell Surface Targets for Flow Cytometry https://www.elabscience.com/List-detail-5568.html
- 3. Flow Cytometry Troubleshooting Tips https://www.elabscience.com/List-detail-5593.html
- 4. How to select the appropriate detection channel through the spectrogram? https://www.elabscience.com/List-detail-459742.html