

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

Catalog Number: E-AB-F1093E

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

Description

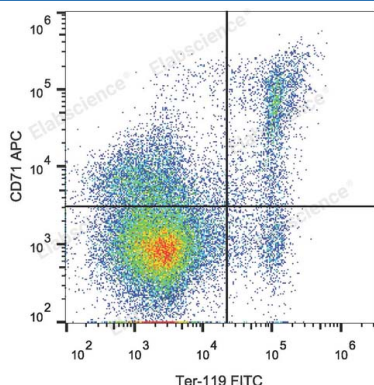
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| Reactivity | Mouse |
| Host | Rat |
| Isotype | Rat IgG2a, κ |
| Clone No. | R17 217.1.3/TIB-219 |
| Isotype Control | APC Rat IgG2a, κ Isotype Control[2A3] [Product E-AB-F09832E] |
| Conjugation | APC |
| Conjugation Information | APC is designed to be excited by the Red (627-640 nm) laser and detected using an optical filter centered near 660 nm (e.g., a 660/20 nm bandpass filter). |
| Storage Buffer | Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer. |

Applications

Recommended usage

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



C57BL/6 mouse bone marrow cells were stained with FITC Anti-Mouse TER-119 Antibody and APC Anti-Mouse CD71 Antibody.

Preparation & Storage

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| Storage | Keep as concentrated solution. This product can be stored at 2-8°C for 24 months. Please protected from prolonged exposure to light and do not freeze. |
| Shipping | Ice bag |

Antigen Information

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| Alternate Names | CD71;TR;TfR;TfR1;Tfrc;Transferrin receptor protein 1;Tfrc |
| Uniprot ID | Q62351 |
| Gene ID | 22042 |

For Research Use Only

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.