

A Reliable Research Partner in Life Science and Medicine

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

catalog number: E-AB-F1093A

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

Description

Reactivity Mouse

Immunogen Recombinant Mouse CD71 protein

Host Rat

Isotype Rat lgG2a, κ

Clone R17 217.1.3/TIB-219
Purification >98%, Protein A/G purified

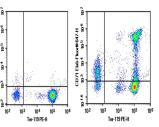
Buffer Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer.

Dialyze to completely remove the stabilizer prior to labeling.

Applications Recommended Dilution

FCM 2 μ g/mL(0.5×10⁶-1×10⁶ cells)

Data



C57/BL6 Mouse bone marrow cells were stained with 0.2 μg Purified Anti-Mouse CD71 Antibody[R17 217.1.3/TIB-219] (Right) and 0.2 μg Rat IgG2a, κ Isotype Control(Left),

followed by Elab Fluor[®] 647-conjugated Goat Anti-Rat IgG Secondary Antibody, then anti-Mouse Ter-119 PE-conjugated Monoclonal Antibody.

Preparation & Storage

Storage Storage Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze /

thaw cycles.

Shipping Ice bag

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.

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 Toll-free: 1-888-852-8623
 Tel: 1-832-243-6086
 Fax: 1-832-243-6017

 Web: www.elabscience.com
 Email: techsupport@elabscience.com
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