

For Research Use Only

Anti-Mouse CD71 (RI7217) Rat IgG2a Recombinant Antibody, PBS Only

Catalog Number: 65654-1-PBS



Basic Information

Catalog Number:

65654-1-PBS

Size:

1mg, 2 mg/ml

Source:

Rat

Isotype:

IgG2a

GenBank Accession Number:

BC054522

GeneID (NCBI):

22042

Full Name:

transferrin receptor

Purification Method:

Protein A purification

CloneNo.:

RI7217

Applications

Tested Applications:

FC

Species Specificity:

mouse

Background Information

CD71, also known as transferrin receptor protein 1 (TfR1), is a transmembrane glycoprotein composed of two disulfide-linked monomers, each of 90 kDa molecular weight. Each monomer binds one holo-transferrin molecule, creating an iron-Tf-TfR complex that enters the cell by endocytosis. CD71 is present on actively proliferating cells and is essential for iron transport into proliferating cells.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

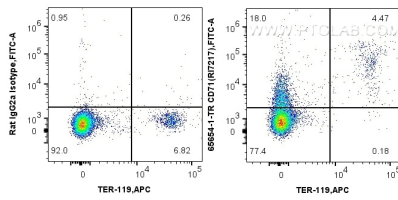
For technical support and original validation data for this product please contact:

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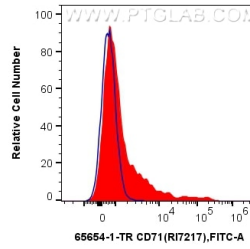
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Selected Validation Data



1x10⁶ mouse bone marrow cells were surface stained with 0.25 ug Anti-Mouse CD71 (R17217) Rat IgG2a RecAb (65654-1-TR, Clone: R17217) or Rat IgG2a Isotype Control (2A3) (65209-1-Ig, Clone: 2A3), and FITC anti-Rat IgG2a antibody. Cells were then stained with APC Anti-Mouse TER-119. Cells were not fixed. This data was developed using the same antibody clone with 65654-1-PBS in a different storage buffer formulation.



1x10⁶ mouse bone marrow cells were surface stained with 0.25 ug Anti-Mouse CD71 (R17217) Rat IgG2a RecAb (65654-1-TR, Clone: R17217) (red) or Rat IgG2a Isotype Control (2A3) (65209-1-Ig, Clone: 2A3) (blue), and FITC anti-Rat IgG2a antibody. Cells were not fixed. This data was developed using the same antibody clone with 65654-1-PBS in a different storage buffer formulation.