

For Research Use Only

Anti-Mouse CD71 (RI7217) Rat IgG2a Recombinant Antibody

Catalog Number: 65654-1-TR



Basic Information

Catalog Number:

65654-1-TR

Size:

100ug, 1000 µg/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:

human

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 2-8°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

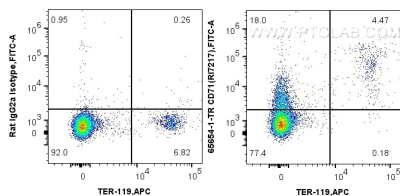
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

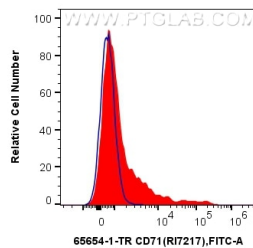
E: proteintech@ptglab.com
W: ptglab.com

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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.



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.