

For Research Use Only

CoraLite® Plus 647 Anti-Mouse CD71 (RI7217) Rat Recombinant Antibody

Catalog Number: CL647-65654



Basic Information

Catalog Number:

CL647-65654

Size:

100ug , 500 ug/ml

Source:

Rat

Isotype:

IgG2a

GenBank Accession Number:

BC054522

GeneID (NCBI):

22042

UNIPROT ID:

Q62351

Full Name:

transferrin receptor

Purification Method:

Protein G purification

CloneNo.:

RI7217

Recommended Dilutions:

FC: 0.25 ug per 10⁶ cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

654 nm / 674 nm

Applications

Tested Applications:

FC

Species Specificity:

mouse

Positive Controls:

FC : mouse bone marrow cells,

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. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

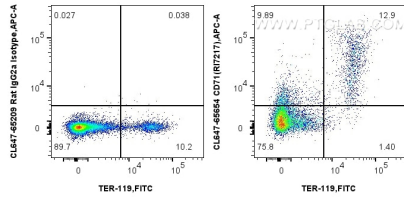
For technical support and original validation data for this product please contact:

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

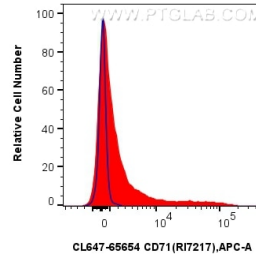
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ mouse bone marrow cells were surface stained with FITC Anti-Mouse TER-119, and 0.25 ug CoraLite® Plus 647 Anti-Mouse CD71 (RI7217) Rat IgG2a RecAb (CL647-65654, Clone: RI7217) or CoraLite® Plus 647 Rat IgG2a Isotype Control (2A3) (CL647-65209, Clone: 2A3). Cells were not fixed.



1x10⁶ mouse bone marrow cells were surface stained with 0.25 ug CoraLite® Plus 647 Anti-Mouse CD71 (RI7217) Rat IgG2a RecAb (CL647-65654, Clone: RI7217) (red) or CoraLite® Plus 647 Rat IgG2a Isotype Control (2A3) (CL647-65209, Clone: 2A3) (blue). Cells were not fixed.