

For Research Use Only

Anti-Human CD71 (OKT9) Mouse IgG2a Recombinant Antibody



Catalog Number: 65605-1-MR

Basic Information

Catalog Number:

65605-1-MR

Size:

100ug, 1 mg/ml

Source:

Mouse

Isotype:

IgG2a

GenBank Accession Number:

BC001188

GeneID (NCBI):

7037

ENSEMBL Gene ID:

ENSG00000072274

Full Name:

transferrin receptor (p90, CD71)

Calculated MW:

85 kDa

Purification Method:

Protein A purification

CloneNo.:

OKT9

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.

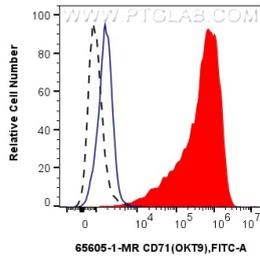
For technical support and original validation data for this product please contact:

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 PHA treated human PBMCs were surface stained with 0.25 ug Anti-Human CD71 Mouse IgG2a Recombinant Antibody (65605-1-MR, Clone: OKT9) (red) or Mouse IgG2a Isotype Control (65208-1-Ig, Clone: C1.18.4) (blue) and CoraLite®488-Conjugated AffiniPure Donkey Anti-Mouse IgG(H+L). Untreated human PBMCs were surface stained with 0.25 ug Anti-Human CD71 Mouse IgG2a Recombinant Antibody (65605-1-MR, Clone: OKT9) and CoraLite®488-Conjugated

