

For Research Use Only

# Anti-Human CD71 (OKT9) Mouse IgG2a Recombinant Antibody, PBS Only

Catalog Number: 65605-1-PBS



## Basic Information

Catalog Number:

65605-1-PBS

Size:

1mg, 2 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 -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:

PBS Only

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

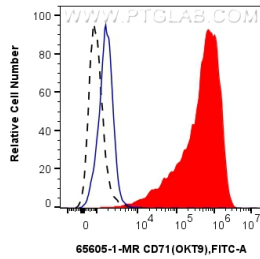
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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

## Selected Validation Data



1x10<sup>6</sup> 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

