

For Research Use Only

# Anti-Human CD71 (OKT9)

Catalog Number: 65235-1-Ig



## Basic Information

Catalog Number:

65235-1-Ig

Size:

100ug, 0.5 mg/ml

Source:

Mouse

Isotype:

IgG1, kappa

GenBank Accession Number:

BC001188

GeneID (NCBI):

7037

ENSEMBL Gene ID:

ENSG00000072274

UNIPROT ID:

P02786

Full Name:

transferrin receptor (p90, CD71)

Calculated MW:

85 kDa

Purification Method:

Affinity 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.

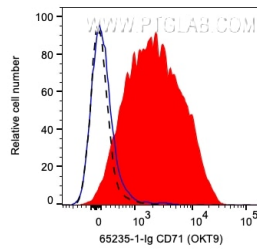
For technical support and original validation data for this product please contact:

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## Selected Validation Data



1X10<sup>6</sup> day 3 PHA treated human PBMCs were surface stained with 0.2 ug Anti-Human CD71 (65235-1-Ig, Clone:OKT9) and CL594-Goat anti-Mouse IgG at dilution 1:1000. Cells were not fixed. Lymphocytes were gated. Blue line indicates unstained stimulated cells. Black dashed line indicates unstimulated stained cells.