

For Research Use Only

# FITC Plus Anti-Human CD71 (OKT9) Rabbit IgG Recombinant Antibody

Catalog Number: FITC-65507



## Basic Information

Catalog Number:

FITC-65507

Concentration:

100 tests, 5 µl/test

Source:

Rabbit

Isotype:

IgG

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

Recommended Dilutions:

FC: 5 µl per 10<sup>6</sup> cells in 100 µl suspension

Excitation/Emission maxima wavelengths:

495 nm / 524 nm

## Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : PHA treated (3 day) human PBMCs,

## 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 which 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 and 0.5% BSA, pH7.3

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

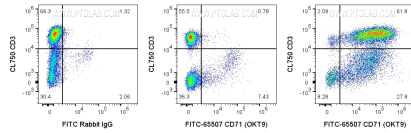
T: 4006900926

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

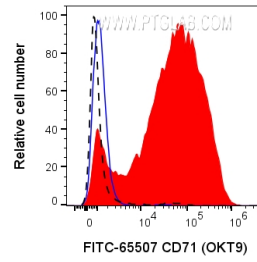
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## Selected Validation Data



1X10<sup>6</sup> PHA-activated (3 day) human PBMCs were surface stained with CL750 Anti-Human CD3 and 5 ul FITC Plus Anti-Human CD71 Rabbit Recombinant Antibody (FITC-65507, Clone:OKT9) (right) or FITC Plus-conjugated Rabbit IgG control PolyAb (FITC-30000) (left). 1X10<sup>6</sup> unactivated human PBMCs were surface stained with 5 ul FITC Plus Anti-Human CD71 Mouse Monoclonal Antibody (center). Cells were not fixed. Lymphocytes were gated.



1X10<sup>6</sup> PHA-activated (3 day) human PBMCs were surface stained with 5 ul FITC Plus Anti-Human CD71 Rabbit Recombinant Antibody (FITC-65507, Clone:OKT9) (red) or FITC Plus-conjugated Rabbit IgG control PolyAb (FITC-30000) (blue). 1X10<sup>6</sup> unactivated human PBMCs were surface stained with 5 ul FITC Plus Anti-Human CD71 Mouse Monoclonal Antibody (black dashed). Cells were not fixed. Lymphocytes were gated.