

For Research Use Only

FITC Plus Anti-Human CD71 (OKT9)

Catalog Number: FITC-65235

1 Publications



Basic Information

Catalog Number:

FITC-65235

Size:

100 tests, 5 µl/test

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

Excitation/Emission maxima wavelengths:

495 nm / 524 nm

Applications

Tested Applications:

FC

Cited Applications:

IF

Species Specificity:

human

Cited Species:

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.

Notable Publications

Author	Pubmed ID	Journal	Application
Ling-Yan Su	38309277	Cell Chem Biol	IF

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.

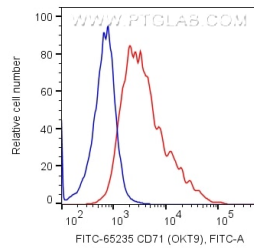
For technical support and original validation data for this product please contact:

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Selected Validation Data



1X10⁶ PHA-activated human PBMC were surface stained with 5 ul FITC Plus Anti-Human CD71 (FITC-65235, Clone: OKT9). Unactivated human PBMC were surface stained with 5ul FITC Plus Anti-human CD71 as the negative control. Cells were not fixed.