

For Research Use Only



# CoraLite® Plus 647 Anti-Human CD71 (OKT9) Rabbit Recombinant Antibody

Catalog Number: **CL647-65507**

## Basic Information

Catalog Number: CL647-65507	GenBank Accession Number: BC001188	Purification Method: Affinity purification
Size: 100tests, 5 µl/test	GeneID (NCBI): 7037	CloneNo.: OKT9
Source: Rabbit	ENSEMBL Gene ID: ENSG00000072274	Excitation/Emission maxima wavelengths: 654 nm / 674 nm
Isotype: IgG	Full Name: transferrin receptor (p90, CD71)	
	Calculated MW: 85 kDa	

## 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 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.

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

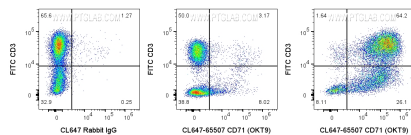
T: 4006900926

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

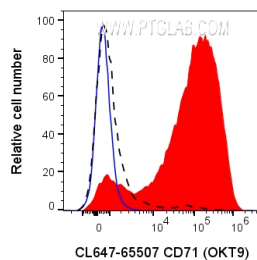
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## Selected Validation Data



1X10<sup>6</sup> PHA-activated (3 day) human PBMCs were surface stained with FITC Anti-Human CD3 and 5 ul CoraLite® Plus 647 Anti-Human CD71 Rabbit Recombinant Antibody (CL647-65507, Clone:OKT9) (right) or CoraLite® Plus 647-conjugated Rabbit IgG control (CL647-30000) (left). 1X10<sup>6</sup> unactivated human PBMCs were surface stained with 5 ul CoraLite® Plus 647 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 CoraLite® Plus 647 Anti-Human CD71 Rabbit Recombinant Antibody (CL647-65507, Clone:OKT9) (red) or CoraLite® Plus 647-conjugated Rabbit IgG control PolyAb (CL647-30000) (blue). 1X10<sup>6</sup> unactivated human PBMCs were surface stained with 5 ul CoraLite® Plus 647 Anti-Human CD71 Mouse Monoclonal Antibody (black dashed). Cells were not fixed. Lymphocytes were gated.