

For Research Use Only

Anti-Human CD71 (OKT9) Mouse IgG2a Recombinant Antibody



Catalog Number: 65605-1-MR

Basic Information

Catalog Number: 65605-1-MR	GenBank Accession Number: BC001188	Purification Method: Protein A purification
Size: 100ug, 1 mg/ml	GeneID (NCBI): 7037	CloneNo.: OKT9
Source: Mouse	ENSEMBL Gene ID: ENSG00000072274	
Isotype: IgG2a	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 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:

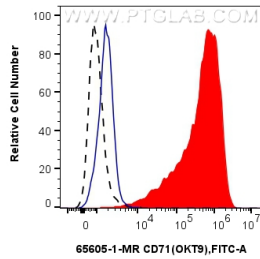
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Selected Validation Data



1x10⁶ 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

