

For Research Use Only

APC Anti-Human CD71 (OKT9)

Catalog Number: APC-65235



Basic Information

Catalog Number: APC-65235	GenBank Accession Number: BC001188	Purification Method: N/A
Size: 100tests, 5 ul/test	GeneID (NCBI): 7037	CloneNo.: OKT9
Source: Mouse	ENSEMBL Gene ID: ENSG00000072274	Excitation/Emission maxima wavelengths: 650 nm / 660 nm
Isotype: IgG1, kappa	UNIPROT ID: P02786	
	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. 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:

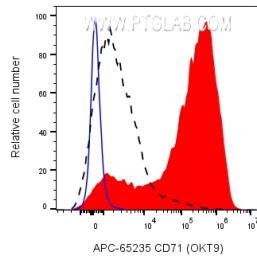
T: 4006900926

E: Proteintech-CN@ptglab.com

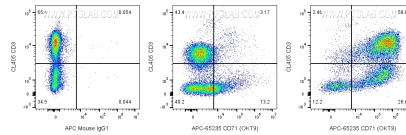
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Selected Validation Data



1x10⁶ PHA treated (3 day) human PBMCs were surface stained with 5 ul APC Anti-Human CD71 (APC-65235, Clone: OKT9) (red) or APC Mouse IgG1 Isotype Control (APC-65124, Clone: MOPC-21) (blue). 1x10⁶ untreated human PBMCs were surface stained with 5 ul APC Anti-Human CD71 (APC-65235, Clone: OKT9) (black dashed). Cells were treated with FC Receptor Block prior to staining. Cells were not fixed. Lymphocytes were gated.



1x10⁶ PHA treated (3 day) human PBMCs were surface stained with 5 ul APC Anti-Human CD71 (APC-65235, Clone: OKT9) (right) or APC Mouse IgG1 Isotype Control (APC-65124, Clone: MOPC-21) (left). 1x10⁶ untreated human PBMCs were surface stained with 5 ul APC Anti-Human CD71 (APC-65235, Clone: OKT9) (center). Cells were treated with FC Receptor Block prior to staining. Cells were not fixed. Lymphocytes were gated.