

For Research Use Only

CD71 Recombinant antibody

Catalog Number: 81793-3-RR



Basic Information

Catalog Number: 81793-3-RR	GenBank Accession Number: GeneID (NCBI): 7037	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	ENSEMBL Gene ID: ENSG00000072274	CloneNo.: 250738C5
Source: Rabbit	UNIPROT ID: P02786	Recommended Dilutions: IF/ICC: 1:250-1:1000
Isotype: IgG	Full Name: transferrin receptor (p90, CD71)	
Immunogen Catalog Number: EG0339	Calculated MW: 85 kDa	

Applications

Tested Applications: IF/ICC, ELISA	Positive Controls: IF/ICC : K-562 cells,
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

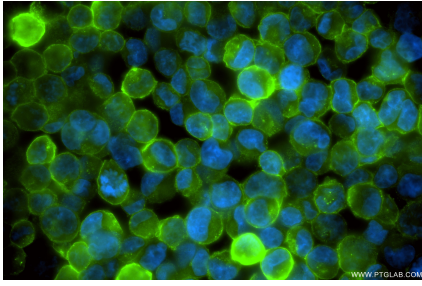
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed K-562 cells using CD71 antibody (81793-3-RR, Clone: 250738C5) at dilution of 1:500 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).