

For Research Use Only

CD71 Recombinant antibody, PBS Only

Catalog Number: 81793-5-PBS



Basic Information

Catalog Number:	81793-5-PBS	GenBank Accession Number:	
Concentration:	1 mg/ml	GenID (NCBI):	7037
Source:	Rabbit	ENSEMBL Gene ID:	ENSG00000072274
Isotype:	IgG	UNIPROT ID:	P02786
Immunogen Catalog Number:	EG0339	Full Name:	transferrin receptor (p90, CD71)
		Calculated MW:	85 kDa
		Observed MW:	85-90 kDa

Applications

Tested Applications:

WB, Indirect ELISA

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 -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

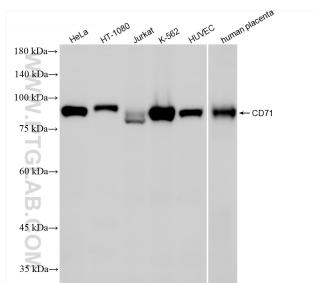
T: 4006900926

E: Proteintech-CN@ptglab.com

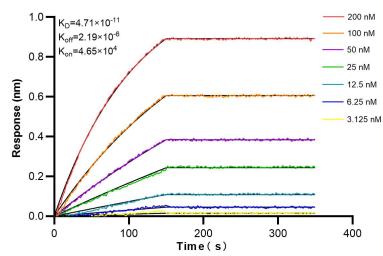
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 81793-5-RR (CD71 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 81793-5-PBS in a different storage buffer formulation.



Biacore BLI kinetic assay of 81793-5-PBS against Human CD71. The affinity constant is 47.1 pM.