

For Research Use Only

CD71 Recombinant antibody, PBS Only

Catalog Number: 81793-5-PBS



Basic Information

Catalog Number:	81793-5-PBS	GenBank Accession Number:	
Size:	100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (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.

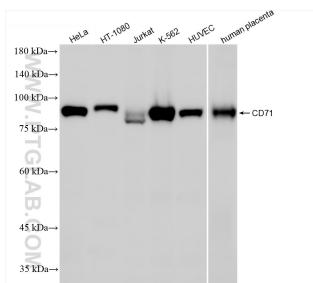
Storage Buffer:

PBS only, pH7.3

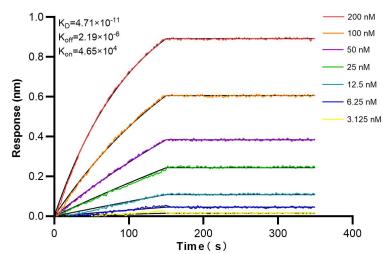
For technical support and original validation data for this product please contact:
T: 1(888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech
Group brand and is not available to purchase from any
other manufacturer.

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.