

For Research Use Only

CNTLN Recombinant antibody, PBS Only (Detector)

Catalog Number: 84781-1-PBS



Basic Information

Catalog Number:	84781-1-PBS	GenBank Accession Number:	
Size:	100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI):	54875
Source:	Rabbit	UNIPROT ID:	Q9NXG0
Isotype:	IgG	Full Name:	centlein, centrosomal protein
Immunogen Catalog Number:	AG36354	Calculated MW:	162kDa
		Observed MW:	162 kDa

Applications

Tested Applications:
WB, Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

84781-1-PBS targets CNTLN as part of a matched antibody pair:

MP01557-1: 84781-4-PBS capture and 84781-1-PBS detection (validated in Cytometric bead array)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

Background Information

CNTLN is also named C9orf101 and C9orf39. CNTLN is required for centrosome cohesion and recruitment of CEP68 to centrosomes. CNTLN is localized at the centrosome. The calculated molecular weight of CNTLN is 162 kDa.

Storage

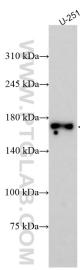
Storage:
Store at -80°C.
Storage Buffer:
PBS Only

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)

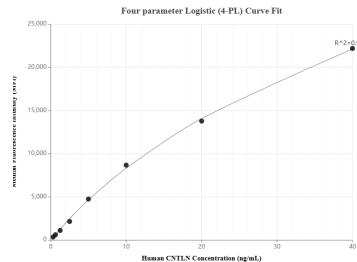
E: proteintech@ptglab.com
W: ptglab.com

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

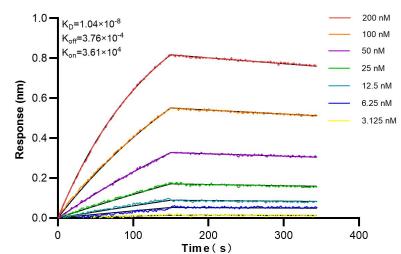
Selected Validation Data



U-251 cells were subjected to SDS PAGE followed by western blot with 84781-1-RR (CNTLN antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84781-1-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP01557-1, CNTLN Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84781-4-PBS. Detection antibody: 84781-1-PBS. Standard: Ag36354. Range: 0.313-40 ng/mL



Biolayer interferometry (BLI) kinetic assays of 84781-1-RR against Human CNTLN were performed. The affinity constant is 1.04 nM.