

For Research Use Only

Cyclin T2 Recombinant monoclonal antibody, PBS Only

Catalog Number: 86859-3-PBS



Basic Information

Catalog Number: 86859-3-PBS	GenBank Accession Number: BC114366	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 905	CloneNo.: 251811G2
Isotype: IgG	UNIPROT ID: O60583	
Immunogen Catalog Number: AG16514	Full Name: cyclin T2	
	Calculated MW: 730 aa, 81 kDa	
	Observed MW: 70-74 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

Background Information

Cyclin T2 (CCNT2) belongs to the cyclin family. CCNT2 is regulatory subunit of the cyclin-dependent kinase pair (CDK9/cyclin T) complex, also called positive transcription elongation factor B (P-TEFB), which is proposed to facilitate the transition from abortive to production elongation by phosphorylating the CTD (carboxy-terminal domain) of the large subunit of RNA polymerase II (RNAP II) (PMID: 9499409, PMID: 15563843). Cyclin T2 is expressed at a relatively high level in freshly isolated monocytes and its level remains constant when the cells are induced to undergo macrophage differentiation (PMID: 21791050). In contrast, Cyclin T1 is expressed at low levels in monocytes and it is strongly up-regulated by a post-transcriptional mechanism when the cells are induced to differentiate to macrophages.

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:

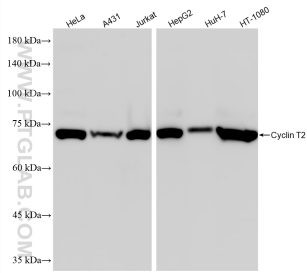
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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 86859-3-RR (CCNT2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86859-3-PBS in a different storage buffer formulation.