

For Research Use Only

MYCN Recombinant antibody

Catalog Number: 84886-3-RR



Basic Information

Catalog Number: 84886-3-RR	GenBank Accession Number: BC002712	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 4613	CloneNo.: 242406D8
Source: Rabbit	UNIPROT ID: P04198	Recommended Dilutions: WB 1:2000-1:10000
Isotype: IgG	Full Name: v-myc myelocytomatosis viral related oncogene, neuroblastoma derived (avian)	
Immunogen Catalog Number: AG27224	Calculated MW: 50 kDa	
	Observed MW: ~65 kDa	

Applications

Tested Applications: WB, FC (Intra), ELISA	Positive Controls: WB : IMR-32 cells, human placenta tissue
Species Specificity: human	

Background Information

MYCN, also named as BHLHE37 and NMYC, is a transcription factor. It is primarily expressed in normal developing embryos and is thought to be critical in brain and other neural development. It is often amplified in human neuroblastomas. IR34A can suppress MYCN expression, it suggest MYCN has a role in cell growth. The expression of the MCYN is upregulated in a variety of human tumors, most frequently neuroblastoma, where the level of expression appears to increase as the tumor progresses. The calculated molecular weight of MYCN is 50 kDa, but Phosphorylated MYCN is about 65-70 kDa. MYCN exists two isoforms and MV of isoform is respectively 65 kDa and 45 kDa. (PMID: 19615087)

Storage

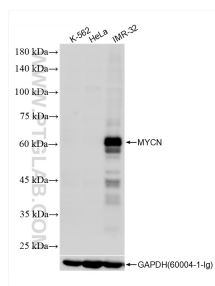
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

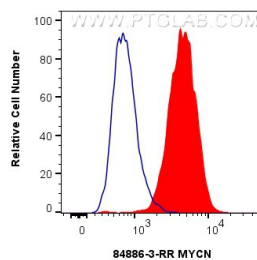
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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 84886-3-RR (MYCN antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



1×10^6 SH-SY5Y cells were intracellularly stained with 0.25 μ g MYCN Recombinant antibody (84886-3-RR, Clone: 242406D8) and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2) (red), or 0.25 μ g Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).