

For Research Use Only

MYCN Recombinant antibody, PBS Only (Capture)

Catalog Number: 84886-3-PBS



Basic Information

Catalog Number: 84886-3-PBS	GenBank Accession Number: BC002712	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 4613	CloneNo.: 242406D8
Source: Rabbit	UNIPROT ID: P04198	
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), Cytometric bead array, Indirect ELISA

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

Storage Buffer:
PBS Only

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

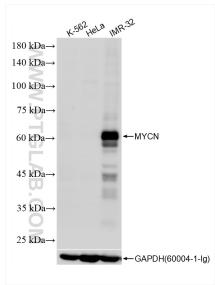
T: 4006900926

E: Proteintech-CN@ptglab.com

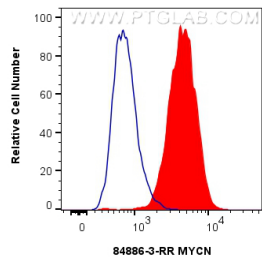
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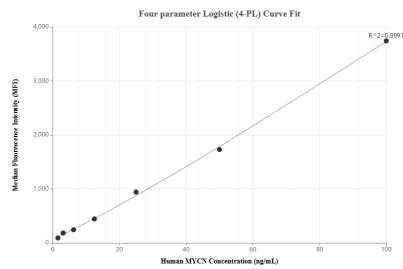
Selected Validation Data



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. This data was developed using the same antibody clone with 84886-3-PBS in a different storage buffer formulation.



1x10⁶ SH-SY5Y cells were intracellularly stained with 0.25 ug MYCN Recombinant antibody (84886-3-RR, Clone:242406D8) and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011). This data was developed using the same antibody clone with 84886-3-PBS in a different storage buffer



Cytometric bead array standard curve of MP01659-2, MYCN Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84886-3-PBS. Detection antibody: 84886-2-PBS. Standard: Ag27224. Range: 1.56-100 ng/mL