

For Research Use Only

MYCN Recombinant antibody

Catalog Number: 84886-3-RR



Basic Information

Catalog Number:

84886-3-RR

Size:

1000 μ g/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG27224

GenBank Accession Number:

BC002712

GeneID (NCBI):

4613

UNIPROT ID:

P04198

Full Name:

v-myc myelocytomatosis viral related oncogene, neuroblastoma derived (avian)

Calculated MW:

50 kDa

Observed MW:

~65 kDa

Purification Method:

Protein A purification

CloneNo.:

242406D8

Recommended Dilutions:

WB 1:2000-1:10000

Applications

Tested Applications:

WB, FC (Intra), ELISA

Species Specificity:

human

Positive Controls:

WB: IMR-32 cells, human placenta tissue

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

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

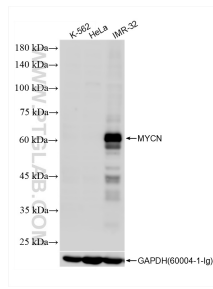
T: 4006900926

E: Proteintech-CN@ptglab.com

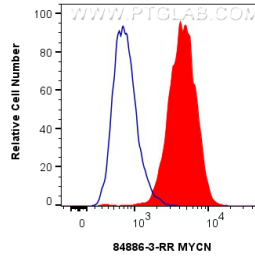
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Selected Validation Data



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.



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).