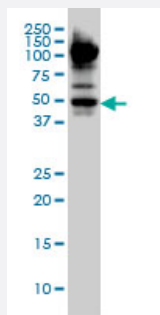


MYCN monoclonal antibody (M01), clone 3H4

Catalog # H00004613-M01

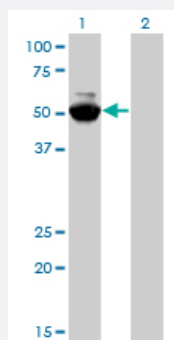
Size 100 ug

Applications



Western Blot (Cell lysate)

MYCN monoclonal antibody (M01), clone 3H4 Western Blot analysis of MYCN expression in HepG2 (Cat # L019V1).

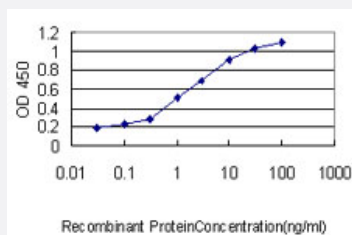


Western Blot (Transfected lysate)

Western Blot analysis of MYCN expression in transfected 293T cell line by MYCN monoclonal antibody (M01), clone 3H4.

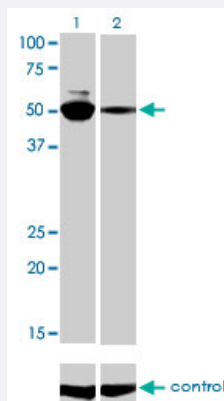
Lane 1: MYCN transfected lysate(49.6 KDa).

Lane 2: Non-transfected lysate.



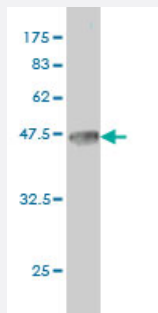
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged MYCN is approximately 0.03ng/ml as a capture antibody.



RNAi Knockdown (Antibody validated)

Western blot analysis of MYCN over-expressed 293 cell line, cotransfected with MYCN Validated Chimera RNAi (Cat # H00004613-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with MYCN monoclonal antibody (M01), clone 3H4 (Cat # H00004613-M01). GAPDH (36.1 kDa) used as specificity and loading control.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant MYCN.
Immunogen	MYCN (NP_005369, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MPSCSTSTMPGMICKNPDLEFDSLQPCFYDDEDDFYFGGPDSTPPGEDIWKKFELLPTPPLSPS RGFAEHSSEPPSWVTEMLLENELWGSPAEDAFGLG
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

MYCN monoclonal antibody (M01), clone 3H4 Western Blot analysis of MYCN expression in HepG2 (Cat # L019V1).

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of MYCN expression in transfected 293T cell line by MYCN monoclonal antibody (M01), clone 3H4.

Lane 1: MYCN transfected lysate(49.6 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged MYCN is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- RNAi Knockdown (Antibody validated)

Western blot analysis of MYCN over-expressed 293 cell line, cotransfected with MYCN Validated Chimera RNAi (Cat # H00004613-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with MYCN monoclonal antibody (M01), clone 3H4 (Cat # H00004613-M01). GAPDH (36.1 kDa) used as specificity and loading control.

[Protocol Download](#)

Gene Info — MYCN

Entrez GeneID	4613
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GeneBank Accession#	NM_005378
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Protein Accession#	NP_005369
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Gene Name	MYCN
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Gene Alias	MODED, N-myc, NMYC, ODED, bHLHe37
Gene Description	v-myc myelocytomatosis viral related oncogene, neuroblastoma derived (avian)
Omim ID	164280 164840 602585
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of the MYC family and encodes a protein with a basic helix-loop-helix (bHLH) domain. This protein is located in the nucleus and must dimerize with another bHLH protein in order to bind DNA. Amplification of this gene is associated with a variety of tumors, most notably neuroblastomas. [provided by RefSeq]
Other Designations	N-myc proto-oncogene protein neuroblastoma MYC oncogene neuroblastoma-derived v-myc avian myelocytomatosis viral related oncogene oncogene NMYC pp65/67 v-myc avian myelocytomatosis viral related oncogene, neuroblastoma derived v-myc myelocytomatosis viral

Disease

- [Kidney Neoplasms](#)
- [Wilms Tumor](#)