

c-Myc Polyclonal Antibody

Catalog No: #40765

Package Size: #40765-1 50ul #40765-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	c-Myc Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC IF ELISA
Species Reactivity	Human;Mouse;Rat
Specificity	c-Myc Polyclonal Antibody detects endogenous levels of c-Myc protein.
Immunogen Description	Synthesized peptide derived from the C-terminal region of human c-Myc.
Conjugates	Unconjugated
Target Name	c-Myc
Other Names	MYC; BHLHE39; Myc proto-oncogene protein; Class E basic helix-loop-helix protein 39; bHLHe39; Proto-oncogene c-Myc; Transcription factor p64
Accession No.	Swiss-Prot: P01106NCBI Gene ID: 4609
Calculated MW	50kDa
SDS-PAGE MW	57-65kDa
Concentration	1mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C/1 year

Application Details

Western Blot: 1/500 - 1/2000.

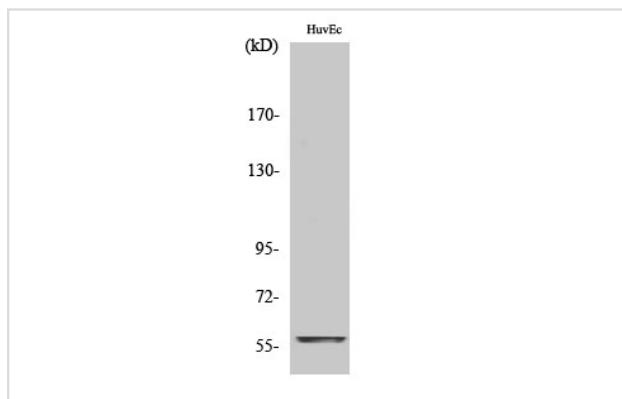
Immunohistochemistry: 1/100 - 1/300.

Immunofluorescence: 1/200 - 1/1000.

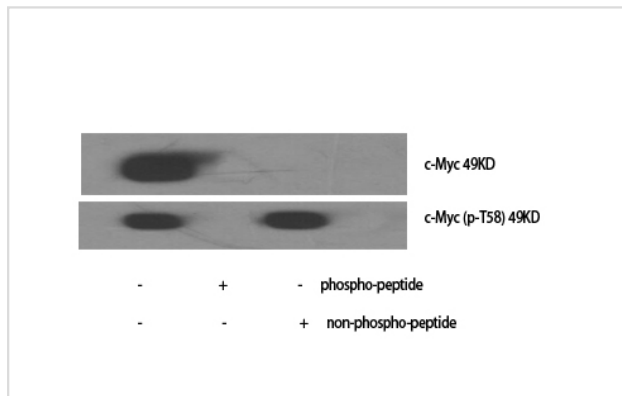
ELISA: 1/40000.

Not yet tested in other applications.

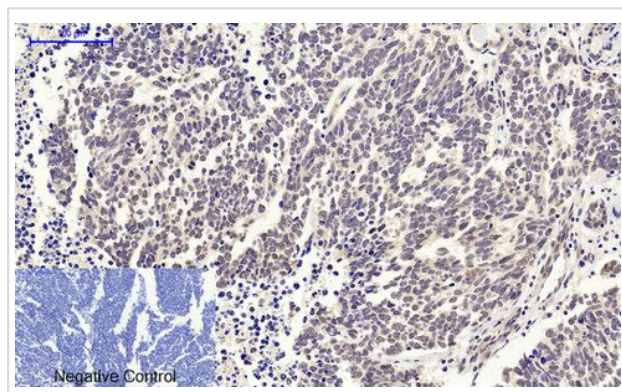
Images



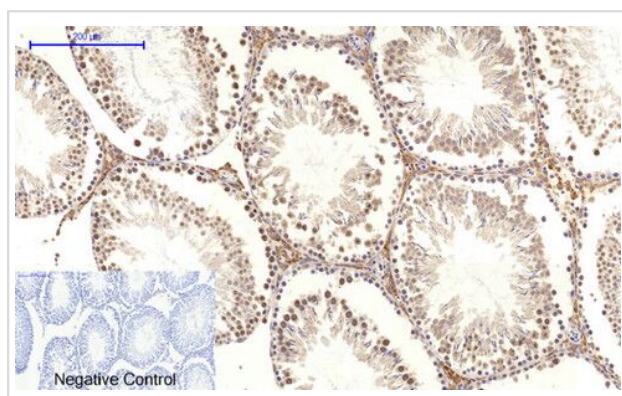
Western Blot analysis of HuvEc cells using c-Myc Polyclonal Antibody



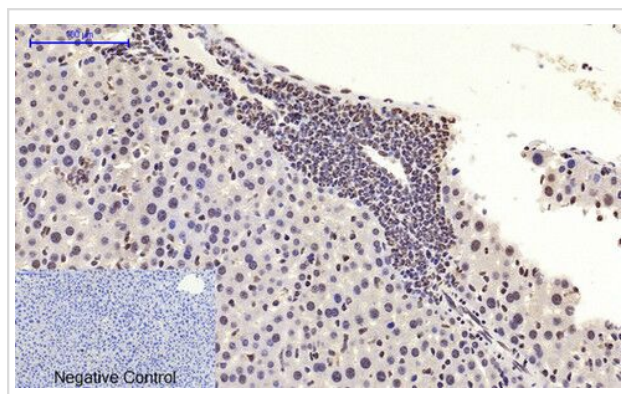
Western Blot analysis of various cells using c-Myc Polyclonal Antibody



Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using c-Myc Polyclonal Antibody #40765.



Immunohistochemical analysis of paraffin-embedded RAT-testis tissue using c-Myc Polyclonal Antibody #40765.



Immunohistochemical analysis of paraffin-embedded mouse-liver tissue using c-Myc Polyclonal Antibody #40765.

Published Papers

el at., Small molecule MIRA-1 induces in vitro and in vivo anti-myeloma activity and synergizes with current anti-myeloma agents. *On Br J Cancer*. On 2014 Apr 29 by Saha MN, Chen Y et al.. PMID:24691427, , (2014)

[PMID:24691427](#)

el at., Involvement of SET in the Wnt signaling pathway and the development of human colorectal cancer. *In Oncol Lett*. On 2014 Apr by LEI DONG, JIANJUN ZHU et al.. PMID: 24944693, , (2014)

[PMID:24944693](#)

el at., c-Myc protects hepatocellular carcinoma cell from ferroptosis induced by glutamine deprivation via upregulating GOT1 and Nrf2. *In Mol Biol Rep*. On 2023 Aug by Yuxiang Zhao, Yue Wang et al.. PMID:37358765, , (2023)

[PMID:37358765](#)

el at., SNAILs promote G1 phase in selected cancer cells. *In Int J Oncol*. On 2015 Nov by Ya-Lan Wu, Jian-Xin Xue et al.. PMID:26352801, , (2015)

[PMID:26352801](#)

el at., RNF8 Mediates Histone H3 Ubiquitylation and Promotes Glycolysis and Tumorigenesis. *In J Exp Med*. On 2017 Jun 5 by Yan Xia, Weiwei Yang, et al.. PMID: 28507061, , (2017)

[PMID:28507061](#)

el at., PKM2 Phosphorylates Histone H3 and Promotes Gene Transcription and Tumorigenesis. *In Cell*. On 2012 Aug 17 by Weiwei Yang, Yan Xia, et al.. PMID: 22901803, , (2012)

[PMID:22901803](#)

el at., A thiazole-derived oridonin analogue exhibits antitumor activity by directly and allosterically inhibiting STAT3. *In J Biol Chem*. On 2019 Nov 15; by Shen X, Zhao L, et al.. PMID:31594861, , (2019)

[PMID:31594861](#)

Zhipeng Zhang; Yanmei Wu; Wenqiang Liang; Zhifang Liao; Hongbo Liao; Xingxing Xing; Wenxin Yi; Zixuan Liu; Yicheng Li; Mengya Shi; Dongling Lin; Ting Gu; Biao Wu; Mingzhi Zou; Huilai Miao; Xin Wu et al., Eurycomalactone switched hepatocellular carcinoma cells into quiescence through 5'IRFAla/DVL/ β -catenin pathway inhibition., , (2025)

[PMID:40128187](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.