

c-Myc Monoclonal Antibody (9E10)

Product Details	
Size	100 µg
Species Reactivity	Human
Published Species	Tag, Yeast, Rat, Hamster, Plant, Mouse, Human, Xenopus
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	9E10
Conjugate	Unconjugated
Immunogen	Synthetic peptide A(408) E E Q K L I S E E D L L R K R R E Q L K H K L E Q L R N S C A(438) of human c-Myc.
Form	Liquid
Concentration	1 mg/mL
Purification	Protein A
Storage buffer	PBS with 1mg/mL BSA
Contains	0.05% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_558470

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:2,000	97 Publications
Immunohistochemistry (IHC)	-	11 Publications
Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:1,000	4 Publications
Immunohistochemistry (Frozen) (IHC (F))	1:50-1:1,000	-
Immunocytochemistry (ICC/IF)	1:100-1:500	29 Publications
Flow Cytometry (Flow)	1:50-1:200	4 Publications
ELISA (ELISA)	Assay-dependent	2 Publications
Immunoprecipitation (IP)	Assay-dependent	29 Publications
ChIP assay (ChIP)	Assay-dependent	7 Publications
In vitro Assay (IV)	-	1 Publication
Miscellaneous PubMed (Misc)	-	2 Publications

Product Specific Information

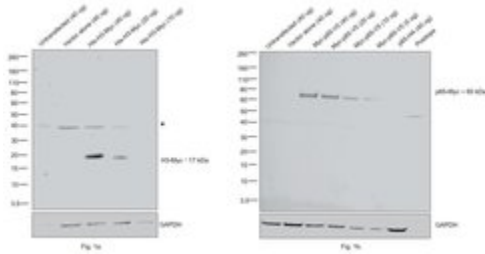
This antibody detects c-myc protein and c-myc tagged proteins.

MA1-980 has been successfully used in Western blot, immunohistochemistry, immunocytochemistry, immunofluorescence, ELISA,

flow cytometry, and immunoprecipitation procedures.

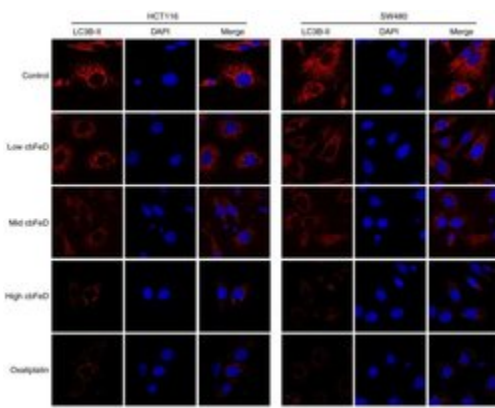
The MA1-980 immunogen corresponds to the synthetic peptide A(408) E E Q K L I S E E D L L R K R R E Q L K H K L E Q L R N S C A(438) of human c-Myc.

Advanced Verification Data



c-Myc Antibody (MA1-980)

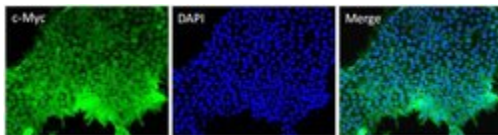
Antibody specificity was demonstrated by detection of different targets fused to Myc tag in transiently transfected lysates tested. Relative detection of Myc tag was observed across different proteins fused with Myc tag in Fig 1a. His-H3-Myc (Lane 3-5) and Fig 1b. Myc-p65-V5 (Lane 3-6), using Anti-Myc Tag Polyclonal Antibody (Product # MA1-980-1MG) in Western Blot. This product has been shown to detect Myc Tag at both N- and C- termini of a fusion protein Relative expression validation info.



c-Myc Antibody (MA1-980)

Figure 3 CCN1 enhances the function of hepatic stellate cells in promoting the viability of HCCs. (A) Western blot analysis was used to detect expression levels of CCN1 in the original CM and 10X concentration CM collected from LX-2 cells infected with AdCCN1 or AdRFP. Expression levels were also detected following treatment with 2.5 and 5 μ g. HepG2 cells were cultured with or without CM. (B) Viability of HepG2 cells, analyzed using MTT assays. * $P < 0.05$ and ** $P < 0.01$ vs. the CM-LX-2-RFP group. (C) HepG2 cells were cultured alone or were co-cultured with different LX-2 cells in a 6-well plate with Transwell inserts. After 5 days, colony formation of HepG2 cells was examined using crystal violet staining (magnification, x100). (D) Expression of p-beta-catenin, beta-catenin, survivin, cyclin D1 and c-myc in HepG2 cells were analyzed using western blot analysis. CCN1, cysteine-rich 61; CM, conditioned medium; HCCs, hepatocellular carcinoma cells; p-, phosphorylated; RCCN1, recombinant CCN1. Cell treatment validation info.

Product Images For c-Myc Monoclonal Antibody (9E10)



c-Myc Antibody (MA1-980) in ICC/IF

Immunofluorescent analysis of c-Myc (green) in H9 embryonic stem cells grown for a few days on Matrigel-coated chamber slides. Cells fixed in 4% paraformaldehyde were permeabilized with 0.1% Triton X-100 for 15 minutes at room temperature. Cells were probed with a c-Myc monoclonal antibody (Product # MA1-980) at a dilution of 1:200 overnight at 4°C, washed with PBST, and incubated with a FITC-conjugated secondary antibody at a dilution of 1:100 for 1 hour at room temperature. Nuclei (blue) were stained with DAPI and cells were analyzed by fluorescence microscopy at 20X magnification.

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Western Blot (97)

Theranostics

Adenylosuccinate lyase is oncogenic in colorectal cancer by causing mitochondrial dysfunction and independent activation of NRF2 and mTOR-MYC-axis.

"Published figure using c-Myc monoclonal antibody (Product # MA1-980) in Immunocytochemistry"

Authors: Taha-Mehlitz S, Bianco G, Coto-Llerena M, Kancherla V, Bantug GR, Gallon J, Ercan C, Panebianco F, Eppenberger-Castori S, von Strauss M, Staubli S, Bolli M, Peterli R, Matter MS, Terracciano LM, von Flüe M, Ng CKY, Soysal SD, Kollmar O, Piscuoglio S

Species
Human
Not Applicable

Dilution
1:1000
Not Cited

Year
2021

Frontiers in immunology

Vitamin D Receptor Inhibits NLRP3 Activation by Impeding Its BRCC3-Mediated Deubiquitination.

"Published figure using c-Myc monoclonal antibody (Product # MA1-980) in Immunoprecipitation"

Authors: Rao Z, Chen X, Wu J, Xiao M, Zhang J, Wang B, Fang L, Zhang H, Wang X, Yang S, Chen Y

Species
Not Applicable

Dilution
Not Cited

Year
2020

[View more WB references on thermofisher.com](#)

Immunohistochemistry (11)

Neuroendocrinology

A Novel SEMA3G Mutation in Two Siblings Affected by Syndromic GnRH Deficiency.

"MA1-980 was used in Immunohistochemistry to assess the contribution of mutated Semaphorin 3G (SEMA3G) gene in the onset of a syndromic form of HH, characterized by intellectual disabilities and facial dysmorphic features."

Authors: Oleari R, André V, Lettieri A, Tahir S, Roth L, Paganoni A, Eberini I, Parravicini C, Scagliotti V, Cotellessa L, Bedogni F, De Martini LB, Corridori MV, Gulli S, Augustin HG, Gaston-Massuet C, Hussain K, Cariboni A

Species
Mouse

Dilution
1:200

Year
2021

Cancer cell international

Lonidamine potentiates the oncolytic efficiency of M1 virus independent of hexokinase 2 but via inhibition of antiviral immunity.

"MA1-980 was used in Immunohistochemistry to demonstrate the dependence of M1 virus on glycolysis and identify a candidate synergist for M1 virotherapy."

Authors: Cai J, Zhu W, Lin Y, Hu J, Liu X, Xu W, Liu Y, Hu C, He S, Gong S, Yan G, Liang J

Species
Human

Dilution
Not Cited

Year
2020

[View more IHC references on thermofisher.com](#)

More applications with references on thermofisher.com

IHC (P) (4)

ICC/IF (29)

Flow (4)

ELISA (2)

IP (29)

ChIP (7)

IV (1)

Misc (2)

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