



Catalog: OM199243

Scan to get more validated information



c-Myc Antibody (C-19)

Catalog: OM199243

☐ 100ul

Product profile

Product name	c-Myc Antibody (C-19)
Antibody Type	Tags Antibodies
Modification Notes	c-Myc-, N-Myc- and L-Myc-encoded proteins function in cell proliferation, differentiation and neoplastic disease. Myc proteins are nuclear proteins with relatively short half lives. Amplification of the c-Myc gene has been found in several types of human tumors including lung, breast and colon carcinomas, while the N-Myc gene has been found amplified in neuroblastomas. The L-Myc gene has been reported to be amplified and expressed at high level in human small cell lung carcinomas. The presence of three sequence motifs in the c-Myc COOH terminus, including the leucine zipper, the helix-loop-helix and a basic region provide initial evidence for a sequence-specific binding function. A basic region helix-loop-helix leucine zipper motif (bHLH-Zip) protein, designated Max, specifically associates with c-Myc, N-Myc and L-Myc proteins. The c-Myc-Max complex binds to DNA in a sequence-specific manner under conditions where neither Max nor Myc exhibit appreciable binding. Max can also form heterodimers with at least two additional bHLH-Zip proteins, Mad and Mxi1, and Mad-Max dimers have been shown to repress transcription through interaction with mSin3.

Key Feature

Clonality	Polyclonal
Isotype	IgG
Host Species	Rabbit
Tested Applications	WB ,IP ,IF ,IHC ,ELISA
Species Reactivity	Human Mouse Rat
Concentration	1mg/ml
Purification	Affinity purified

Target Information

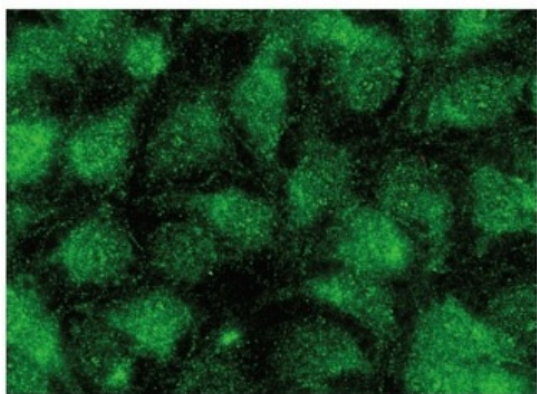
Alternative Names	epitope mapping within the C-terminus of c-Myc of human origin
-------------------	--

Database Links

Entrez Gene

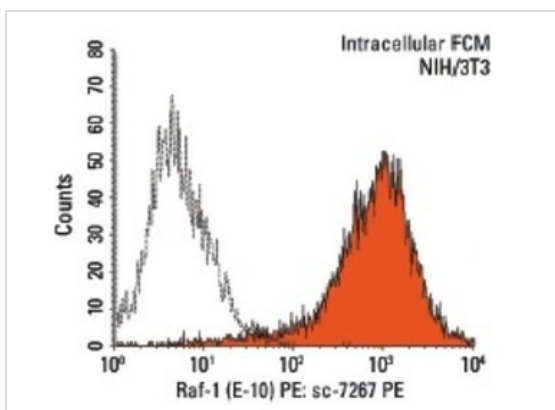
4609

Application



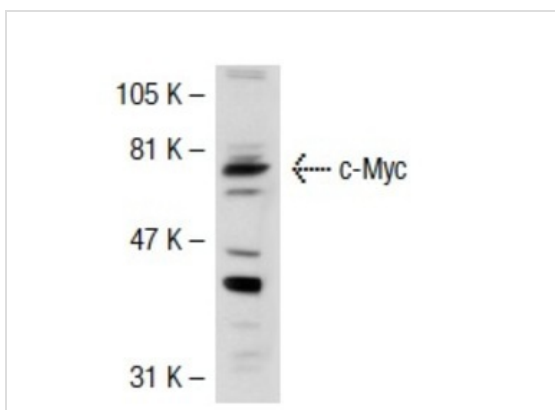
Application

Immunofluorescence staining of methanol-fixed HeLa cells showing nuclear and cytoplasmic localization.



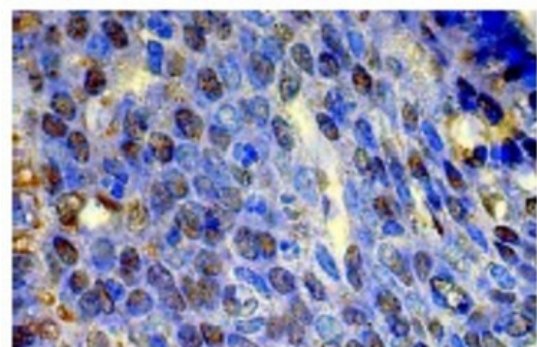
Application

Western blot analysis of c-Myc expression in non-transfected: (A) and mouse c-Myc transfected: (B) 293T whole cell lysates.



Application

Western blot analysis of c-Myc expression in Jurkat whole cell lysate.



Application

Immunoperoxidase staining of formalin-fixed, paraffin-embedded mouse uterus tissue showing nuclear localization.

Application Notes

recommended for detection of c-Myc p67 of mouse, rat and human origin by WB, IP, IF, IHC(P) and ELISA; also reactive with additional species, including canine and feline:

Additional Information

Form	Liquid
Storage Instructions	For short-term storage, store at 4° C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Storage Buffer	phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Note	The product is for research use only,not for use in diagnostic or therapeutic procedures.

OmnimAbs.com

order@Omnimabs.com

506 N. GARFIELD AVE #210 ALHAMBRA, CA 91801

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt
