



Catalog: OM197728

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p-c-Myc Antibody (Thr 358)

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☐ 100ul

Product profile

Product name	p-c-Myc Antibody (Thr 358)
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
Species Reactivity	Human Mouse Rat
Concentration	1mg/ml
Purification	Affinity purified

Target Information

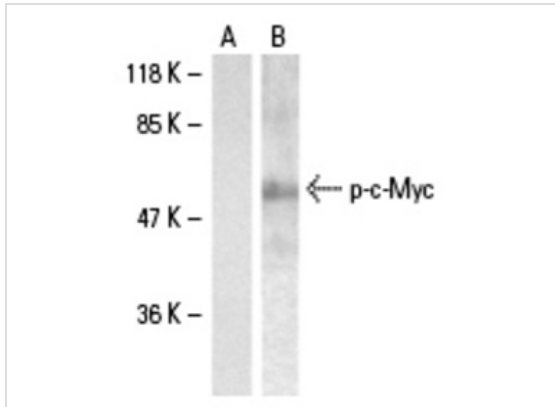
Alternative Names	epitope corresponding to phosphorylated Thr 358 of c-Myc of human origin
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Tissue Specificity

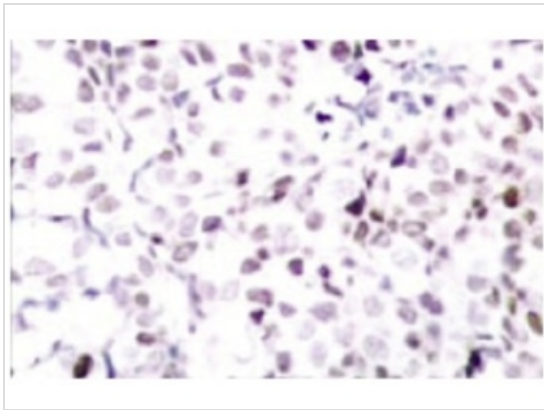
epitope corresponding to phosphorylated Thr 358 of c-Myc of human origin

Database Links**Entrez Gene**

4609

Application**Application**

Western blot analysis of phosphorylated c-Myc expression in untreated (A) and UV-treated (B) HT-29 whole cell lysates.

**Application**

Immunoperoxidase staining of formalin-fixed, paraffin-embedded human breast carcinoma tissue showing nuclear staining.

Application Notes

recommended for detection of Thr 358 phosphorylated c-Myc of mouse, rat and human origin by WB, IP, IF and IHC(P):

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.

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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

