



Catalog: OM641731

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# Anti-c-MYC antibody

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☐ 100 ul

## Product profile

Product name	Anti-c-MYC antibody
Antibody Type	Primary Antibodies
Immunogen	Polypeptide

## Key Feature

Clonality	Polyclonal
Isotype	IgG
Host Species	Rabbit
Tested Applications	ELISA ,IHC ,WB
Species Reactivity	Human Mouse Rat
Concentration	1 mg/ml
Purification	Protein A

## Target Information

Gene Symbol	MYC
Gene Synonyms	MRTL; MYCC; c-Myc; bHLHe39
Gene Full Name	MYC proto-oncogene, bHLH transcription factor

Gene Summary	<p>This gene is a proto-oncogene and encodes a nuclear phosphoprotein that plays a role in cell cycle progression, apoptosis and cellular transformation. The encoded protein forms a heterodimer with the related transcription factor MAX. This complex binds to the E box DNA consensus sequence and regulates the transcription of specific target genes. Amplification of this gene is frequently observed in numerous human cancers. Translocations involving this gene are associated with Burkitt lymphoma and multiple myeloma in human patients. There is evidence to show that translation initiates both from an upstream, in-frame non-AUG (CUG) and a downstream AUG start site, resulting in the production of two isoforms with distinct N-termini. [provided by RefSeq, Aug 2017]</p>
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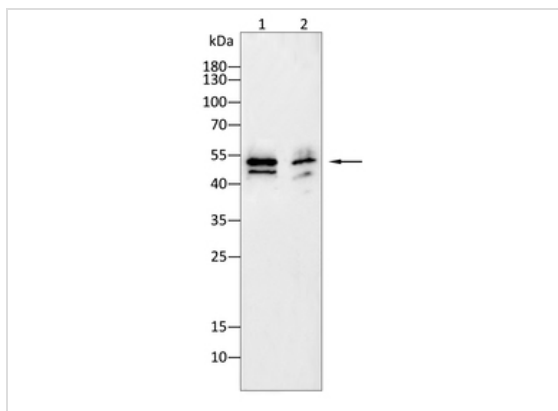
Molecular Weight (MW)	49 kDa
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Molecular Weight: 10 kDa

Source: Rabbit

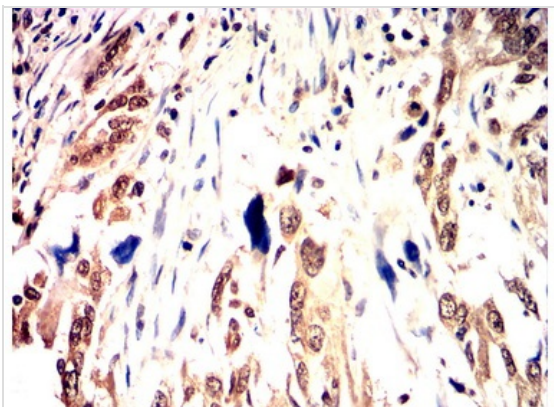
Cellular Localization: Nucleus

## Application



### WB

Western blot analysis using c-MYC antibody against A431 (1), Hep G2 (2) cell lysate.



### IHC

Immunohistochemical analysis of paraffin-embedded esophageal cancer tissues using c-MYC antibody with DAB staining

**Application Notes** WB:1:200-1:2000

IHC:1:200-1:1000

## Additional Information

**Form** Liquid

**Storage Instructions** Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C long term. Avoid freeze / thaw cycle

**Storage Buffer** Purified antibody in PBS with 0.05% sodium azi.

**Note** The product is for research use only, not for use in diagnostic or therapeutic procedures.

# OmnimAbs.com

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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

