

Recombinant c Myc Monoclonal Antibody

catalog number: **E-AB-81443**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity	Human;Mouse;Rat
Immunogen	A synthetic peptide of human c-Myc
Host	Rabbit
Isotype	IgG
Clone	R05-5E2
Purification	Affinity Purified
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein.

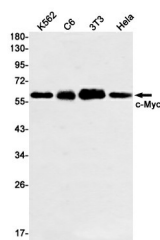
Applications

WB

Recommended Dilution

1:1000-1:2000

Data



Western blot detection of c-Myc in K562,C6,3T3,HeLa cell lysates using c-Myc Rabbit mAb(1:1000 diluted).Predicted band size:49kDa.Observed band size: 57-65kDa.

Observed-MW:57-65 kDa

Calculated-MW:49 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

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.

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