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## Product Information

<b>Product SKU:</b>	CAB19032	<b>Gene ID:</b>	4609	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	ARC0412	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human,Mouse

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## Additional Information

<b>Observed MW:</b>	50-60kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	51kDa	<b>Isotype:</b>	IgG

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## Immunogen Information

<b>Background:</b>	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.
<b>Recommended Dilution:</b>	WB,1:500 - 1:1000 ChIP,5µg antibody for 10µg-15µg of ChromatinCUT&Tag, 10 <sup>5</sup> cells /1 µg
<b>Synonyms:</b>	MRTL; MYCC; c-Myc; bHLHe39; yc
<b>Purification Method:</b>	Affinity purification
<b>Immunogen:</b>	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human c-Myc (P01106).
<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.