Product Name: Phospho-c-Myc (T58) (1A2) Rabbit Monoclonal Antibody
Catalog #: AMRe05880

Summary

Production Name	Phospho-c-Myc (T58) (1A2) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB,ICC/IF,FC
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Phospho Antibody
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Purification	Affinity purification

Immunogen

Gene Name	MYC
Alternative Names	MRTL; MYC; Myc proto-oncogene protein; c-myc;
Gene ID	4609.0
SwissProt ID	P01106.

Application

Dilution Ratio	WB 1:1000, ICC/IF 1:100-1:200, FCM 1:200-1:1000
Molecular Weight	49kDa

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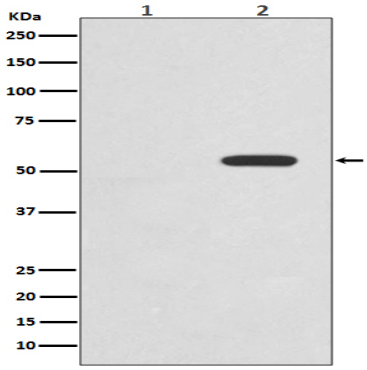
Background

Myc a proto-oncogenic transcription factor that plays a role in cell proliferation, apoptosis and in the development of human tumors. Seems to activate the transcription of growth-related genes. Transcription factor that binds DNA in a non-specific manner, yet also specifically recognizes the core sequence 5'-CAC[GA]TG-3' (PubMed:24940000, PubMed:25956029). Activates the transcription of growth-related genes (PubMed:24940000, PubMed:25956029). Binds to the VEGFA promoter, promoting VEGFA production and subsequent sprouting angiogenesis (PubMed:24940000, PubMed:25956029). Regulator of somatic reprogramming, controls self-renewal of embryonic stem cells (By similarity). Functions with TAF6L to activate target gene expression through RNA polymerase II pause release (By similarity).

Research Area

Image Data



Western blot analysis of Phospho-c-Myc (T58) expression in (1) HeLa cell lysate; (2) HeLa cell lysate treated with Calyculin A and Okadaic Acid.

Note

For research use only.