

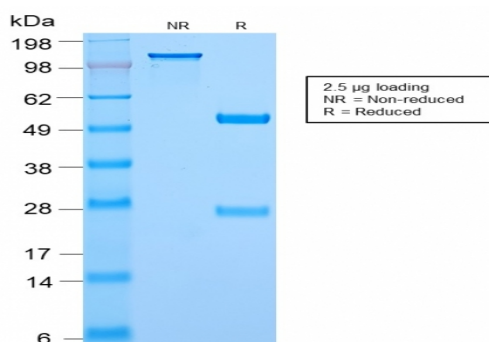
c-Myc Oncoprotein

Recombinant Rabbit Monoclonal Antibody [Clone MYC2895R]

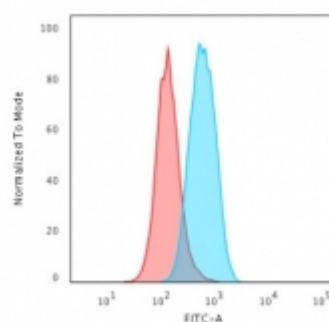
Catalog No	Format	Size	Price (USD)
4609-RBM8-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug	219.00
4609-RBM8-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug	499.00
4609-RBM8-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug	499.00

Human Entrez Gene ID	4609
Human SwissProt	P01106
Human Unigene	202453
Human Gene Symbol	MYC
Human Chromosome Location	8q24.21
Synonyms	Class E basic helix-loop-helix protein 39 (bHLHe39), MRTL, Myc2, Niard, Nird, Proto-oncogene c-Myc, RNCMYC, Transcription factor p64, Transcriptional regulator Myc-A, V-Myc avian myelocytomatosis viral oncogene homolog

Immunogen	A synthetic peptide, corresponding to aa 408-439 (AEEQKLISEEDLLRKREQLKHKLEQLRNCA) from C-terminus of human c-myc, coupled to KLH.
Host / Ig Isotype	Rabbit / IgG
Mol. Weight of Antigen	62-64kDa
Cellular Localization	Nuclear
Species Reactivity	Human. Does not react with Mouse, Rat or Chicken.
Positive Control	K562, HL-60 cells. Cervical Carcinoma.



SDS-PAGE Analysis Purified c-Myc Rabbit Recombinant Monoclonal Antibody (MYC2895R). Confirmation of Purity and Integrity of Antibody.



Specificity & Comments

It recognizes a transcription factor of 64-67kDa, identified as c-myc. Its epitope spans between aa 410-419 (EQKLISEEDL) which is a specific portion of an alpha helical region of human c-myc protein. This MAb shows no cross-reaction with v-myc. c-myc is involved in the control of cell proliferation and differentiation and is amplified and/or overexpressed in a variety of tumors. Over-expression of c-myc protein occurs frequently in luminal cells of prostate intraepithelial neoplasia as well as in most primary carcinomas and metastatic disease.

Known Applications & Suggested Dilutions

ELISA (For coating, order antibody without BSA)
Flow Cytometry (1-2ug/million cells)
Immunofluorescence (1-2ug/ml)
Optimal dilution for a specific application should be determined.

Key References

1. Evan GI, et. al. Molecular and Cellular Biology, 1985, 5(12):3610-6.

Supplied As

200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations

This antibody is available for research use only and is not approved for use in diagnosis.

Warranty

There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.