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36-2833: Anti-c-Myc Oncoprotein Monoclonal Antibody(Clone: MYC2895R)

Clonality :	Monoclonal
Clone Name :	MYC2895R
Application :	ELISA,FACS,IF
Reactivity :	Human
Gene :	MYC
Gene ID :	4609
Uniprot ID :	P01106
Alternative Name :	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
Isotype :	Rabbit IgG
Immunogen Information :	A synthetic peptide, corresponding to aa 408-439 (AEEQKLISEEDLLRKRREQLKHKLEQLRNSCA) from C-terminus of human c-myc, coupled to KLH.

Description

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.

Product Info

Amount :	20 µg / 100 µg
Content :	200 µg/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 condition :	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.

Application Note

ELISA (For coating, order antibody without BSA); Flow Cytometry (1-2ug/million cells); Immunofluorescence (1-2ug/ml);

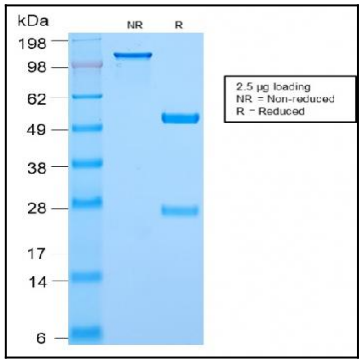


Fig. 1: SDS-PAGE Analysis Purified c-Myc Rabbit Recombinant Monoclonal Antibody (MYC2895R). Confirmation of Purity and Integrity of Antibody.

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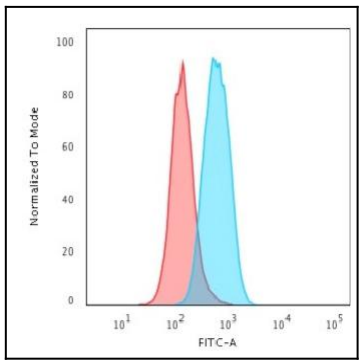


Fig. 2: Flow Cytometric Analysis of K562 cells using c-Myc Rabbit Recombinant Monoclonal Antibody (MYC2895R) followed by Goat anti-Mouse IgG-CF488 (Blue); Isotype control (Red).

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