

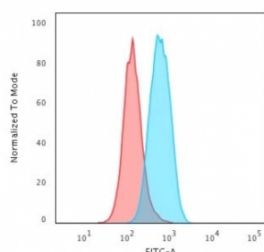
## Recombinant c-Myc Antibody [clone MYC2895R] (V7971)

Catalog No.	Formulation	Size
V7971-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7971-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7971SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

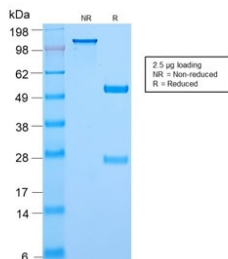
Recombinant **RABBIT MONOCLONAL**

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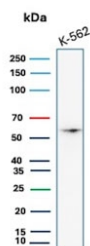
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Clonality</b>	Recombinant Rabbit Monoclonal
<b>Isotype</b>	Rabbit IgG, kappa
<b>Clone Name</b>	MYC2895R
<b>Purity</b>	Protein A affinity chromatography
<b>UniProt</b>	P01106
<b>Applications</b>	ELISA (order BSA-free Format For Coating) : Flow Cytometry : 1-2ug/million cells in 0.1ml Western Blot : 2-4ug/ml
<b>Limitations</b>	This recombinant c-Myc antibody is available for research use only.



Flow cytometry testing of permeabilized human K562 cells with recombinant c-Myc antibody (clone MYC2895R); Red=isotype control, Blue= recombinant c-Myc antibody.



SDS-PAGE analysis of purified, BSA-free recombinant c-Myc antibody (clone MYC2895R) as confirmation of integrity and purity.



Western blot testing of human K562 cell lysate with recombinant c-Myc antibody. Theoretical molecular weight: ~50 kDa but routinely observed at 50~70 kDa.

## 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.

## Application Notes

Optimal dilution of the recombinant c-Myc antibody should be determined by the researcher.

## Immunogen

Amino acids 408-439 were used as the immunogen for the recombinant c-Myc antibody. The specific epitope has been localized to amino acids 410-419 (EQKLISEEDL).

## Storage

Store the recombinant c-Myc antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).