Recombinant c-Myc Oncoprotein Antibody

Rabbit Monoclonal Antibody [Clone MYC/7683R]

Catalog No	Format	Size
4609-RBM13-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
4609-RBM13-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
4609-RBM13-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

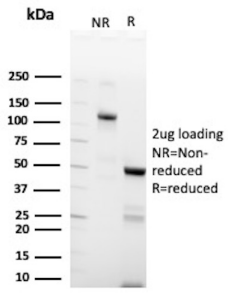
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

Product Details

Clone	MYC/7683R
Gene Name	MYC
Immunogen	Recombinant fragment (around aa1-200) of human MYC protein (exact sequence is proprietary)
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	62-64kDa
Cellular Localization	Nucleus.
Species Reactivity	Human
Positive Control	HL-60 cells. Human cervical carcinoma or heart tissue.

**Optimal dilution for a specific application should be determined.*

Product Images for Recombinant c-Myc Oncoprotein Antibody



SDS-PAGE Analysis of Purified Myc proto-oncogene protein Recombinant Rabbit Monoclonal Antibody (MYC/7683R). 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.Â ?

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.

Research Areas

Apoptosis, Autophagy, Bladder Cancer, Breast Cancer, Cardiovascular, Colon Cancer, Cytokine Signaling, Developmental Biology, Immunology, Infectious Disease, Lung Cancer, MAPK Signaling, Nuclear Marker, Signal Transduction, Stem Cell Differentiation, Transcription Factors

Limitations and Warranty

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