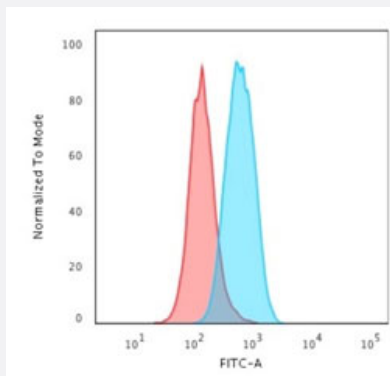


RecomAb™

MYC recombinant monoclonal antibody, clone MYC2895R

Catalog # RAB00588 Size 100 ug

Applications



Flow Cytometry

Flow cytometric analysis of K562 cells. Goat anti-mouse IgG-CF488 (Blue) ; Isotype Control (Red).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against partial human MYC.
Antibody Species	Rabbit
Immunogen	Recombinant tag fusion protein corresponding to amino acids 408-439 at C-terminus of human MYC .
Sequence	AEEQKLISEEDLLRKRREQLKHKLEQLRNSCA
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG

Recommend Usage	ELISA (For coating) Flow Cytometry (1-2 ug/million cells) Immunofluorescence (1-2 ug/mL) Western Blot (0.5-2 ug/mL) The optimal working dilution should be determined by the end user.
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Storage Buffer	In 1 mg/mL PBS
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Storage Instruction	Store at -20 to -80°C.
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Applications

- Immunofluorescence
- Enzyme-linked Immunoabsorbent Assay
- Flow Cytometry

Flow cytometric analysis of K562 cells. Goat anti-mouse IgG-CF488 (Blue) ; Isotype Control (Red).

Gene Info — MYC

Entrez GeneID	4609
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Protein Accession#	P01106
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Gene Name	MYC
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Gene Alias	bHLHe39, c-Myc
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Gene Description	v-myc myelocytomatosis viral oncogene homolog (avian)
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Omim ID	113970 190080
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Gene Ontology	Hyperlink
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Gene Summary	The protein encoded by this gene is a multifunctional, nuclear phosphoprotein that plays a role in cell cycle progression, apoptosis and cellular transformation. It functions as a transcription factor that regulates transcription of specific target genes. Mutations, overexpression, rearrangement and translocation of this gene have been associated with a variety of hematopoietic tumors, leukemia and lymphomas, including Burkitt lymphoma. There is evidence to show that alternative translation initiations from an upstream, in-frame non-AUG (CUG) and a downstream AUG start site result in the production of two isoforms with distinct N-termini. The synthesis of non-AUG initiated protein is suppressed in Burkitt's lymphomas, suggesting its importance in the normal function of this gene. [provided by RefSeq]
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Other Designations

avian myelocytomatosis viral oncogene homolog|myc proto-oncogene protein|v-myc avian myelocytomatosis viral oncogene homolog

Pathway

- [Acute myeloid leukemia](#)
- [Bladder cancer](#)
- [Cell cycle](#)
- [Chronic myeloid leukemia](#)
- [Colorectal cancer](#)
- [Endometrial cancer](#)
- [ErbB signaling pathway](#)
- [Jak-STAT signaling pathway](#)
- [MAPK signaling pathway](#)
- [Pathways in cancer](#)
- [Small cell lung cancer](#)
- [TGF-beta signaling pathway](#)
- [Thyroid cancer](#)
- [Wnt signaling pathway](#)

Disease

- [Alzheimer disease](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Chromosome Aberrations](#)

- [Colorectal Neoplasms](#)
- [Diabetes Complications](#)
- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)
- [Helicobacter Infections](#)
- [Hematologic Diseases](#)
- [Hodgkin Disease](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Lymphoproliferative Disorders](#)
- [Metabolic Syndrome X](#)
- [Mouth Neoplasms](#)
- [Neoplasm Metastasis](#)
- [Neoplasms](#)
- [Occupational Diseases](#)
- [Osteoporosis](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Pulmonary Disease](#)
- [Stomach Neoplasms](#)
- [Thyroid Diseases](#)
- [Thyroid Neoplasms](#)
- [Translocation](#)

- [Urinary Bladder Neoplasms](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)