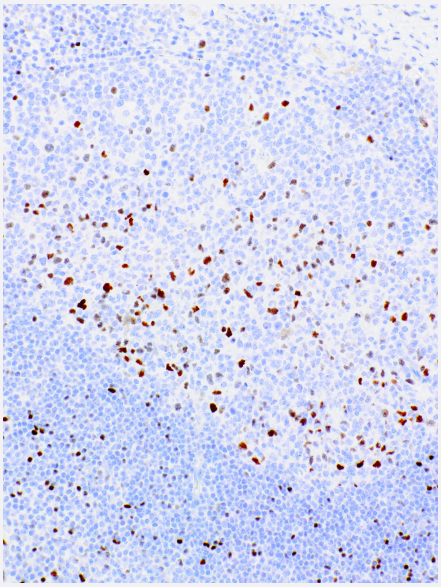
MYC monoclonal antibody, clone IHC448

Catalog # MAB23889 Size

Applications



Immunohistochemistry

Immunofluorescent staining of tonsil with MYC monoclonal antibody, clone IHC448 (Cat # MAB23889) shows positivity in nuclear.

Specification

Product Description	Rabbit monoclonal antibody raised against c-Myc.
Host	Rabbit
Reactivity	Human
Form	Liquid
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:25-1:100) The optimal working dilution should be determined by the end user.
Storage Buffer	In tris buffer, pH 7.3 to 7.7, with 1% BSA and < 0.1% sodium azide.
Storage Instruction	Store at 4°C. Do not freeze.

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Applications

- Immunohistochemistry

  Immunofluorescent staining of tonsil with MYC monoclonal antibody, clone IHC448 (Cat # MAB23889) shows positivity in nuclear.

Gene Info — MYC

Entrez GeneID	4609
Gene Name	MYC
Gene Alias	bHLHe39, c-Myc
Gene Description	v-myc myelocytomatosis viral oncogene homolog (avian)
Omim ID	113970 190080
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a multifunctional, nuclear phosphoprotein that plays a role in c ell cycle progression, apoptosis and cellular transformation. It functions as a transcription factor th at regulates transcription of specific target genes. Mutations, overexpression, rearrangement and translocation of this gene have been associated with a variety of hematopoietic tumors, leukemia s and lymphomas, including Burkitt lymphoma. There is evidence to show that alternative translati on 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 protei n is suppressed in Burkitt's lymphomas, suggesting its importance in the normal function of this ge ne. [provided by RefSeq
Other Designations	avian myelocytomatosis viral oncogene homolog|myc proto-oncogene protein|v-myc avian myeloc ytomatosis viral oncogene homolog

Pathway

- Acute myeloid leukemia
- Bladder cancer
- Cell cycle
- Chronic myeloid leukemia
- Colorectal cancer

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- 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

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- 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

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