

## Datasheet

### MYC MaxPab rabbit polyclonal antibody (D01)

**Catalog Number:** H00004609-D01

**Regulation Status:** For research use only (RUO)

**Product Description:** Rabbit polyclonal antibody raised against a full-length human MYC protein.

**Immunogen:** MYC (ENSP00000259523, 1 a.a. ~ 439 a.a) full-length human protein.

**Sequence:**

MPLNVSFTNRNYDL DYDSVQPYFYCDEEENFYQQQQ  
QSELQPPAPSEDIWKKFELLPTPLSPRRSGLCSPSY  
VAVTFPSLRGDN DGGGGSFSTADQLEMVTELLGGDM  
VNQSFICDPDET FIKNIIQDCMWSGFSA AAKLVSEKL  
ASYQAARKDSGSPNPARGHSVCSTSSLYLQDLSAAAS  
ECIDPSVFPYPLNDSSSPKSCASQDSSAFSPSSD SLL  
SSTESSPQGSPEPLVLHEETPPTTSSDSEEEQEDEEEI  
DVVSVEKRQAPGKRSESGSPSAGGH SKPPHSPVLK  
RCHVSTHQHNYAAPPSTRKDYPAAKRVKLD SVRVLR  
QISNNRKCTSPRSSDTEENVKRRTHNVLERQRRNELK  
RSFFALRDQIPELENNEKAPKVVLKKATAYILSVQAEE  
QKLISEEDLLRKRREQLKHKLEQLRNSCA

**Host:** Rabbit

**Reactivity:** Human

**Applications:** IP

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Storage Buffer:** No additive

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 4609

**Gene Symbol:** MYC

**Gene Alias:** bHLHe39, c-Myc

**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, leukemias 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]