

# c-Myc Recombinant antibody

**Cat:B32167R****Company:** Haokebio**Uniprot ID:**P01106**Organism:**Rabbit**Species reactivity:**Human**Applications:** IHC:1:100-1:200

IHC-Polymer:1:400-1:800

TSA:1:500-1:1000

**Background:**

The oncogene-encoded proteins c-Myc, n-Myc, and l-Myc play important roles in cell proliferation, differentiation, and tumor progression. The c-Myc gene is located on chromosome 8q24. It is essential for cell cycle progression and the promotion of cell proliferation. c-Myc is a transcription factor and proto-oncogene, and it is a key regulator of cell cycle control, metabolism, apoptosis, differentiation, cell adhesion, and tumorigenesis. c-Myc is crucial for the development of most Burkitt lymphomas and has also been found to be expressed in cervical cancer, colon cancer, breast cancer, lung cancer, and gastric cancer.

**Protein full name:**

v-myc myelocytomatosis viral oncogene homolog (avian)

**Synonyms:**

MYC, bHLHe39, c Myc, Class E basic helix-loop-helix protein 39, MRTL

**Immunogen:**

Peptide

**Isotype:**

IgG

**Subcellular location:**

Nucleus

**Purity:**

Affinity purification

**Form:**

Liquid

**Storage Buffer:**

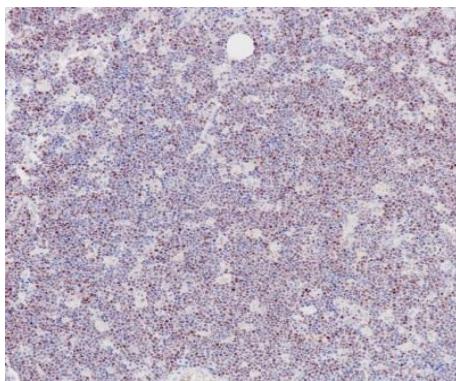
PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

**Storage:**

Store at -20 °C for one year.

**Experimental procedure:**

Antigen retrieval: Citrate buffer (pH 9.0) , Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

**Images:**

Sample: Human Burkitt lymphoma tissue, 4% PFA 12-24h

**Source of Reagents:**

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