

HRP Conjugated Anti-c-Myc Antibody

0912-4



Product Type: Rabbit polyclonal IgG, primary antibodies

Species reactivity: Human

Applications: WB

Description: Myc gene encodes for a transcription factor that is believed to regulate expression of 15% of all genes through binding on Enhancer Box sequences (E-boxes) and recruiting histone acetyltransferases (HATs). c-Myc is commonly activated in a variety of tumor cells and plays an important role in cellular proliferation, differentiation, apoptosis and cell cycle progression. This c-Myc antibody detects endogenous levels of total c-Myc protein and is also for detection of Myc-tagged fusion proteins.

Conjugate: HRP-conjugated

Immunogen: Synthetic peptide within human C-myc aa 390-439.

Positive control: Recombinant protein

Subcellular location: Nucleus.

Database links: SwissProt: P01106 Human

Recommended Dilutions:

WB 1:1,000-1:2,000

Storage Buffer: 1*PBS (pH7.4), 0.2% BSA, 40% Glycerol.

Storage Instruction: Shipped at 4°C. Store at +4°C short term (1-2 weeks). It is recommended to aliquot into single-use upon delivery. Store at -20°C long term.

Purity: Immunogen affinity purified.

Hangzhou Huaan Biotechnology Co., Ltd.

Orders:0086-571-88062880

Technical:0086-571-89986345

Service mail:support@huabio.cn

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Applications:WB=Western blot IHC-P=Immunohistochemistry (paraffin) IF-Cell=Immunofluorescence (Cell) IF-Tissue=Immunofluorescence (Tissue) FC=Flow cytometry IP=Immunoprecipitation

Images

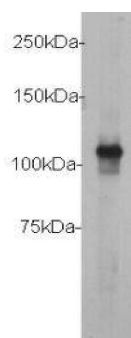


Fig1: Western blot analysis on myc-tagged recombinant protein using c-myc antibody HRP conjugated.

Note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".

Background References

1. "A quantitative atlas of mitotic phosphorylation."Dephoure N., Zhou C., Villen J., Beausoleil S.A., Bakalarski C.E., Elledge S.J., Gygi S.P.Proc. Natl. Acad. Sci. U.S.A. 105:10762-10767(2008)
2. "Transactivation of gene expression by Myc is inhibited by mutation at the phosphorylation sites Thr-58 and Ser-62."Gupta S., Seth A., Davis R.J. Proc. Natl. Acad. Sci. U.S.A. 90:3216-3220(1993)

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