

pA91290Hu01

Polyclonal Antibody to V-Myc Myelocytomatosis Viral Oncogene Homolog (MYC)

Organism: Homo sapiens (Human)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

[PRODUCT INFORMATION]

Immunogen: MYC, Human

Clonality: Polyclonal

Host: Rabbit

Immunoglobulin Type: IgG

Purification: Affinity Chromatography.

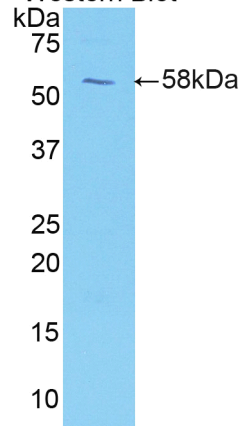
Applications: WB, ICC, IHC-P, IHC-F, ELISA

Concentration: 200µg/mL

UOM: 100µg

7th Edition (Revised in May, 2013)

Western Blot



Sample: Recombinant MYC, Human




[IMMUNOGEN INFORMATION]

Immunogen: Recombinant MYC (Ser184~Ala454) expressed in *E. coli*.

USCN Accession No.: rP91290Hu01

Sequence: The target protein is fused with two N-terminal Tags, His-tag and GST-tag and its sequence is listed below.

MRNKKFELGL EFPNLPYYID GDVKLTQSMA IIRYIADKHN MLGGCPKERA EISMLEGAVL
DIRYGVSRIA YSKDFETLKV DFLSKLPEML KMFEDRLCHK TYLNGDHVTH PDFMLYDALD
VVLYMDPMCL DAFPKLVCFK KRIEAIQID KYLKSSKYIA WPLQGQWQATF GGGDHPKSD
GSTSGSGHHH HHSAGLVPR GSTAIGMKET AAKFERQHM DSPDLGTLEV
LFQGPLGSEF-SVCSTSS LYLQDLSAAA SECIDPSVVF PYPLNDSSSP KSCASQDSSA
FSPSSDLSLSTESSPQGSP EPLVLHEETP PTTSSDSEEE QEDEEEIDVV SVEKRQAPGK

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RSESGSPSAGGHSKPPHSPL VLKRCHVSTH QHNYAAPST RKDYPAAKRV KLDSVRVLRQ
ISNNRKCTSPRSSDTEENVK RRTHNVLERQ RRNELKRSFF ALRDQIPELE NNEKAPKVVI
LKKATAYILSVQAEQKLIS EEDLLRKRRE QLKHKLEQLR NSCA

[ANTIBODY SPECIFICITY]

The antibody is a rabbit polyclonal antibody raised against MYC. It has been selected for its ability to recognize MYC in immunohistochemical staining and western blotting.

[APPLICATIONS]

Western blotting: 1:100-400

Immunocytochemistry in formalin fixed cells: 1:100-500

Immunohistochemistry in formalin fixed frozen section: 1:100-500

Immunohistochemistry in paraffin section: 1:50-200

Enzyme-linked Immunosorbent Assay: 1:100-200

Optimal working dilutions must be determined by end user.

[CONTENTS]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN₃, 50% glycerol.

[QUALITY CONTROL]

Content: The quality control contains recombinant MYC (Ser184~Ala454) disposed in loading buffer.

Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate.
5uL per well when used in enhanced chemiluminescent (ECL).

Note: The quality control is specifically manufactured as the positive control. Not used for other purposes.

Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN₃ 0.02%.

[STORAGE]

Store at 4°C for frequent use. Stored at -20°C to -80°C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

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