

c-Myc antibody

Cat. No. GTX103436

| | |
|--------------------|---|
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Application | WB, ICC/IF, IHC-P, IHC-Fr, IP, ChIP assay |
| Reactivity | Human, Mouse, Xenopus laevis |

Reference (29)

Package

100 µl, 25 µl

APPLICATION

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| WB | 1:500-1:3000 |
| ICC/IF | 1:100-1:1000 |
| IHC-P | Assay dependent |
| IHC-Fr | Assay dependent |
| IP | 1:100-1:500 |
| ChIP assay | Assay dependent |

Not tested in other applications.

Calculated MW 49 kDa. ([Note](#))

Product Note This antibody can detect the endogenous c-Myc, but it is unable to recognize the c-Myc tag.

PROPERTIES

| | |
|----------------------|--|
| Form | Liquid |
| Buffer | PBS, 1% BSA, 20% Glycerol |
| Preservative | 0.025% ProClin 300 |
| Storage | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| Concentration | 0.29 mg/ml (Please refer to the vial label for the specific concentration.) |
| Immunogen | Recombinant protein encompassing a sequence within the center region of human c-Myc. The exact sequence is proprietary. |
| Purification | Purified by antigen-affinity chromatography. |



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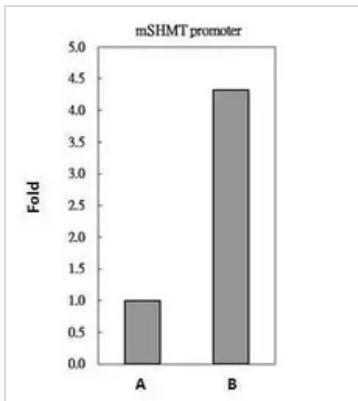
Conjugation

Unconjugated

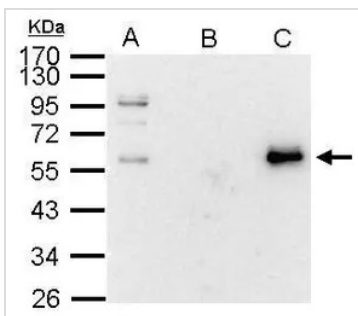
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Note

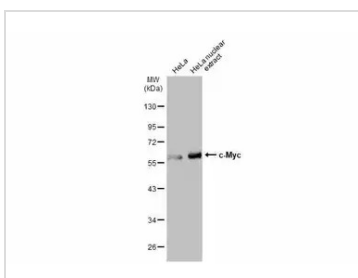
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DATA IMAGES

GTx103436 ChIP assay Image

c-Myc antibody immunoprecipitates c-Myc protein-DNA in ChIP experiments. ChIP Sample: 293T whole cell lysate/extract A. 5 µg preimmune rabbit IgG B. 5 µg of c-Myc antibody (GTx103436) The precipitated DNA was detected by PCR with primer set targeting to mSHMT promoter.


GTx103436 IP Image

c-Myc antibody immunoprecipitates c-Myc protein in IP experiments. IP Sample: 1000 µg 293T whole cell lysate/extract A. 20 µg 293T whole cell lysate/extract B. Control with 2.5 µg of preimmune rabbit IgG C. Immunoprecipitation of c-Myc protein by 2.5 µg of c-Myc antibody (GTx103436) 10% SDS-PAGE The immunoprecipitated c-Myc protein was detected by c-Myc antibody (GTx103436) diluted at 1:1000. EasyBlot anti-rabbit IgG (GTx221666-01) was used as a secondary reagent.


GTx103436 WB Image

HeLa whole cell and nuclear extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with c-Myc antibody (GTx103436) diluted at 1:3000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.



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