

Mouse anti Myc-Tag Monoclonal Antibody



CABE010

Product Information

Size:

100 uL

Observed MW:

Refer to Figures

Calculated MW:

Applications:

WB IF IP

Reactivity:

Antibody Information

Recommended dilutions:

WB 1:2000 - 1:5000 IF 1:50
- 1:200 IP 1:50 - 1:100

Source:

Mouse

Isotype:

IgG

Purification:

Affinity purification

Protein Background

Protein tags are peptide sequences genetically grafted onto a recombinant protein. Often these tags are removable by chemical agents or by enzymatic means, such as proteolysis or intein splicing. Tags are attached to proteins for various purposes. Epitope tags are short peptide sequences which are chosen because high-affinity antibodies can be reliably produced in many different species. These are usually derived from viral genes, which explain their high immunoreactivity. Epitope tags include V5-tag, Myc-tag, HA-tag and NE-tag. These tags are particularly useful for western blotting, immunofluorescence and immunoprecipitation experiments, although they also find use in antibody purification.

Immunogen information

Gene ID:

Uniprot

Synonyms:

Myc; Myc tag; Myc-tag

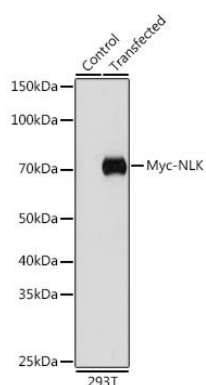
Immunogen:

A synthetic peptide corresponding to Myc tag.

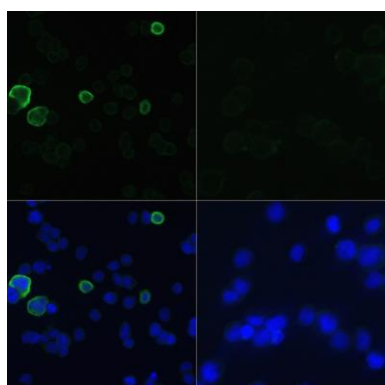
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

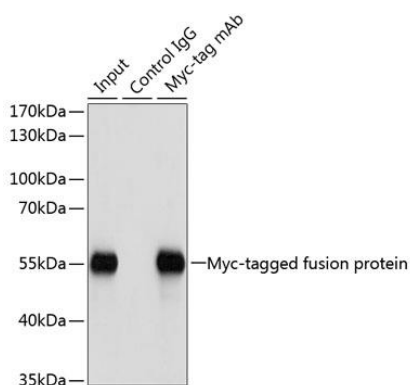
Product Images



Western blot analysis of extracts of normal 293T cells and 293T transfected with Myc-NLK protein, using Myc-Tag antibody (CABE010) at 1:5000 dilution. Secondary antibody: HRP Goat Anti-Mouse IgG (H+L) (CABS003) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 1s.



Immunofluorescence analysis of 293T cells transfected with Myc-Tag fusion protein and untreated 293T cells use Rabbit anti Myc-Tag mAb(CABE010) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunoprecipitation of over-expressed Myc-tagged protein in 293T cells incubated using Myc-tag antibody (CABE010). A mock served as negative control and over-expressed 293T cell lysate served as positive control.