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Myc-Tag Rabbit mAb (C-terminal)

Catalog No.: AE070 Recombinant 75 Publications

Basic Information

Observed MW
58kDa(NLK)/72kDa(YAP1)/55kDa(PTEN)

Calculated MW

Category
Tag antibody

Applications
WB,IF/ICC,IP,ELISA

Cross-Reactivity
Species independent

CloneNo number
ARC5004-12

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.

Recommended Dilutions

WB	1:10000 - 1:120000
IF/ICC	1:50 - 1:200
IP	0.5μg-4μg antibody for 200μg-400μg extracts of whole cells
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID **Swiss Prot**

Immunogen
Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms
Myc; Myc tag; Myc-tag; Myc-Tag

Contact

400-999-6126

cn.market@abclonal.com.cn

www.abclonal.com.cn

Product Information

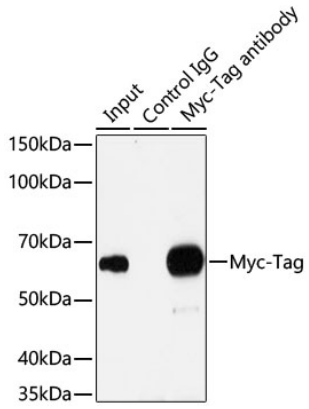
Source
Rabbit

Isotype
IgG

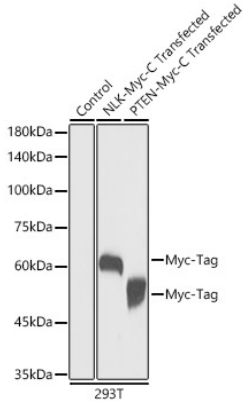
Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

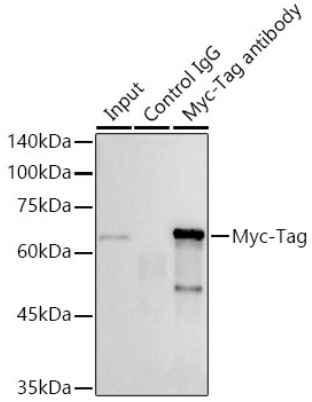
Validation Data



Immunoprecipitation analysis of 200ug extracts of 293T cells transfected with NLK expression vector containing a Myc-Tag Rabbit mAb (C-terminal) (AE070 1:100).Western blot was performed from the immunoprecipitate using Myc-Tag Rabbit mAb (C-terminal) at 1:1000 dilution.

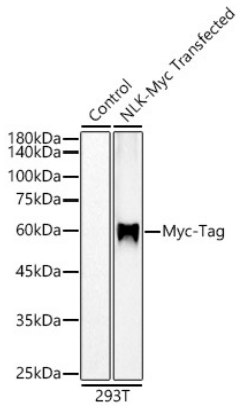


Western blot analysis of extracts of normal 293T cells,293T transfected with NLK Protein and 293T transfected with PTEN Protein, using Myc-Tag Rabbit mAb (C-terminal) (AE070) at 1:20000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 1s.

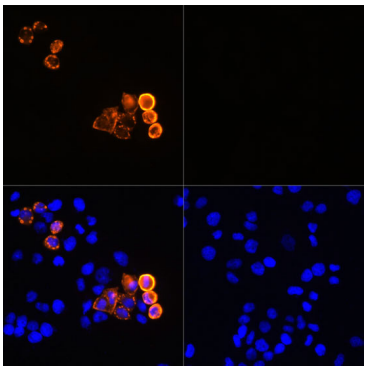


Immunoprecipitation analysis of 300ug extract cell lysate from 293T cells transfected with NLK expression vector containing a Myc-Tag with 3 µg Myc-Tag Rabbit mAb (C-terminal) (AE070).Western blot was performed from the immunoprecipitate using Myc-Tag Rabbit mAb (C-terminal) (AE070) at 1:5000 dilution.

Validation Data



Western blot analysis of extracts of normal 293T cells, 293T transfected with NLK Protein, using Myc-Tag Rabbit mAb (C-terminal) (AE070) at 1:120000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 10s.



Immunofluorescence analysis of HeLa cells (Left: HeLa cells overexpressing recombinant protein with Myc-Tag；Right: Negative control without Myc-Tag) use Rabbit anti Myc-Tag Rabbit mAb (C-terminal) (AE070) at dilution of 1:100. Blue: DAPI for nuclear staining.