

AE070

Leader in Biomolecular Solutions for Life Science



Myc-Tag Rabbit mAb

Catalog No.: AE070

Recombinant

38 Publications

Basic Information

Observed MW

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

Calculated MW

Category

SMab Recombinant Monoclonal 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 - 1:140000

IF/ICC 1:50 - 1:200

IP 0.5µg-4µg antibody for
200µg-400µg extracts of
whole cells

Immunogen Information

Gene ID

Swiss Prot

Immunogen

A synthetic peptide corresponding to Myc tag.

Synonyms

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

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

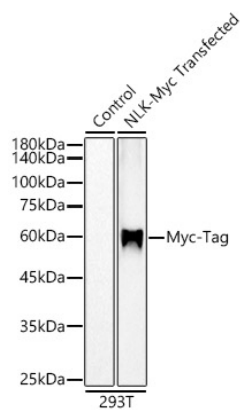
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

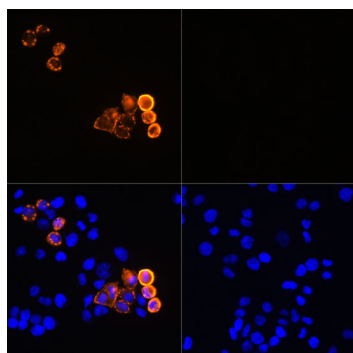
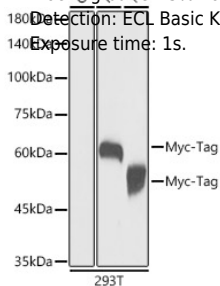
Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.

Validation Data



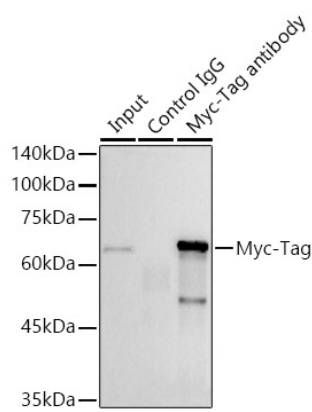
Western blot analysis of extracts of normal 293T cells, 293T transfected with NLK Protein, using Myc-Tag Rabbit mAb (AE070) at 1:120000 dilution.
 Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
 Lysates/proteins: 25µg per lane.
 Blocking buffer: 3% nonfat dry milk in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

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 (AE070) at 1:20000 dilution.
 Secondary antibody: HRP 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.



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 mAb(AE070) at dilution of 1:100. Blue: DAPI for nuclear staining.

Validation Data



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 antibody (AE070). Western blot was performed from the immunoprecipitate using Myc-Tag Rabbit mAb antibody (AE070) at 1:5000 dilution.

Immunoprecipitation analysis of 200ug extracts of 293T cells transfected with NLK expression vector containing a Myc-Tag with 3 μg Myc-Tag Rabbit mAb (AE070 1:100). Western blot was performed from the immunoprecipitate using Myc-Tag Rabbit mAb (AE070) at 1:1000 dilution.

