

AE038

Leader in Biomolecular Solutions for Life Science



Mouse anti MYC-Tag mAb

Catalog No.: AE038

8 Publications

Basic Information

Observed MW

58kDa/72kDa

Calculated MW

Category

Monoclonal Antibody

Applications

WB,IF/ICC,IP,ELISA

Cross-Reactivity

Species independent

CloneNo number

AMC0516

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 1:2000 - 1:6000

IF/ICC 1:50 - 1:200

IP 1:50 - 1:100

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

A synthetic peptide corresponding to Myc tag.

Synonyms

Myc;Myc tag;Myc-tag

Product Information

Source

Mouse

Isotype

IgG2b,Kappa

Purification

Affinity purification

Storage

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

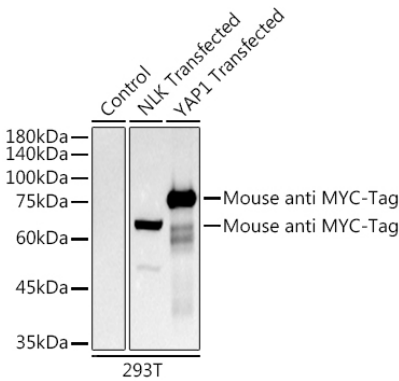
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Contact



www.abclonal.com

Validation Data



Western blot analysis of extracts of normal 293T cells, 293T transfected with NLK Protein and 293T transfected with YAP1 Protein, using Mouse anti MYC-Tag mAb (AE038) at 1:5000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) (AS003) 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.