

Myc-Tag Rabbit mAb

Catalog No.: AE070 Recombinant 92 Publications

Basic Information

Observed MW

58 kDa (NLK transfected)

Calculated MW

Category

Tag antibody

Applications

WB, IF/ICC, IP, ELISA

Cross-Reactivity

Species independent

Clone No. 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	1:200 - 1:1000
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.

Contact

	400-999-6126
	cn.market@abclonal.com.cn
	www.abclonal.com.cn

Immunogen Information

Gene ID

Swiss Prot

Immunogen

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

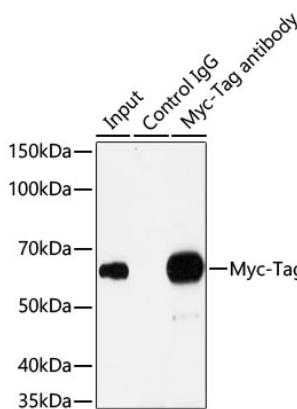
Synonyms

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

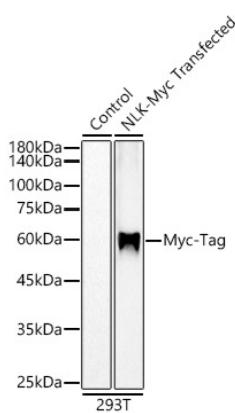
Product Information

Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at -20°C. 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 200 ug extracts of 293T cells transfected with NLK expression vector containing a Myc-Tag Rabbit mAb (AE070). Western blot was performed from the immunoprecipitate using Myc-Tag Rabbit mAb at 1:1000 dilution.



Western blot analysis of lysates from wild type (WT) and 293T cells transfected with NLK-Myc-Tag. Rabbit mAb (AE070) at 1:120000 dilution.

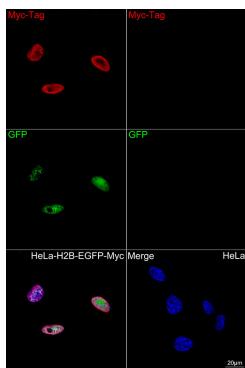
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 μ g per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 10 s.



Confocal imaging of HeLa cells transfected with H2B-EGFP-Myc using Myc-Tag Rabbit mAb (AE070, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 100x.