

Mouse anti mCherry-Tag mAb

Catalog No.: AE002

34 Publications

Basic Information

Observed MW

55 kDa

Calculated MW

Category

Tag antibody

Applications

WB,IF/ICC,ELISA

Cross-Reactivity

Species independent

CloneNo number

AMC0502

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 1:5000 - 1:25000**IF/ICC** 1:200 - 1:400**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

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

mCherry;mCherry tag;mCherry-tag

Contact

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

Product Information

Source

Mouse

Isotype

IgG1

Purification

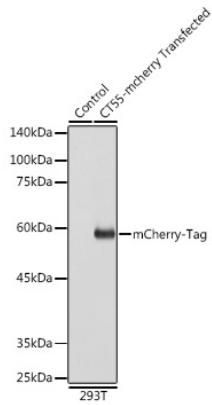
Affinity purification

Storage

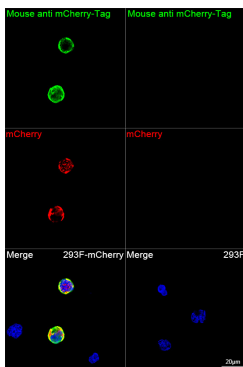
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 1% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of extracts of normal 293T cells and 293T transfected with CT55 Protein, using Mouse anti mCherry-Tag mAb (AE002) 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: 1s.



Confocal imaging of 293F cells transfected with mCherry using Mouse anti mCherry-Tag mAb (AE002, dilution 1:200) followed by a further incubation with ABflo® 488-conjugated Goat anti-Mouse IgG (H+L) (AS076, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 100x.