

mcherry-Tag mouse monoclonal antibody

Catalog: AP1025M

Host: Mouse

Reactivity: Transfected

BackGround:

MCherry is a fluorophore (a fluorescent molecule) used in biotechnology as a tracer to follow the flow of fluids, as a marker when tagged to molecules and cells components. mCherry is a monomeric fluorescent construct which absorbs at 587 nm and emits at 610 nm. It is resistant to photobleaching and is stable. It matures quickly, with a $t_{1/2}$ of 15 minutes, allowing it to be visualised soon after translation.

Product:

Mouse IgG1, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

N/A

Swiss-Prot:

N/A

Purification&Purity:

The antibody was affinity-purified from cell culture supernatant by protein A+G and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:2000~1:10000

IHC: 1:50~1:200

IP: 1:50~1:200

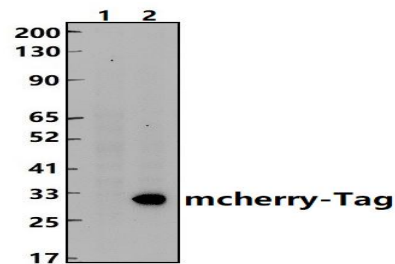
Storage&Stability:

Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.

Specificity:

mcherry-Tag mAb detects over-expressed or recombinant proteins containing the mcherry epitope tag.

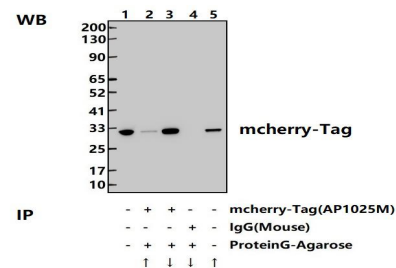
DATA:



Western blot (WB) analysis of mcherry-tag mAb at 1:2000 dilution

Lane1:HEK293F whole cell lysate

Lane2:HEK293F whole cell lysate,transfected (mcherry).



Immunoprecipitation of transfected HEK293F using mcherry-Tag mAb

(Sepharose Bead Conjugate) #BD0048(lane 2 and lane 3) and

Nonspecific IgG Control (Sepharose Bead Conjugate)#BD0048 (lane

4 and lane 5) .Lane 1 is 30% input. The western blot was probed using

mcherry-Tag mAb. “↑”(supernatant); “↓”(deposition)

Note:

For research use only, not for use in diagnostic procedure.

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