

Mouse mCherry Monoclonal Antibody

mCherry

CATALOG #	HOST	APPLICATIONS
AAA76634	Mouse	Immunofluorescence, Immunohistochemistry, Western Blot, Immunocytochemistry

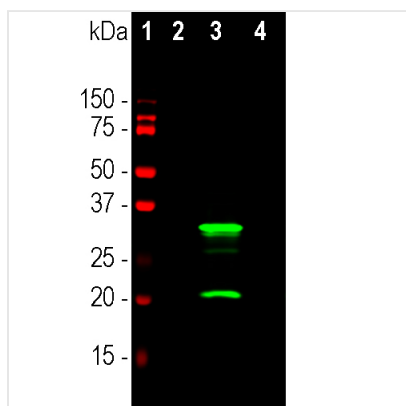
PRODUCT SYNONYMS

mCherry; Monoclonal Antibody; anti-mCherry antibody

PRODUCT SPECIFICATIONS

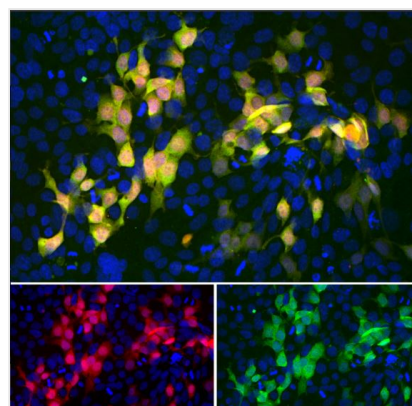
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG
Form/Format	Affinity Purified antibody Affinity purified at 1mg/mL in PBS, 50% glycerol, 5mM NaN ₃
Applicable Applications for anti-mCherry antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ICC (Immunocytochemistry)
Immunogen	Full length recombinant mCherry protein
Preparation and Storage	Antibody can also be aliquotted and stored frozen at -20 degree C in a manual defrost freezer for six months without detectable loss of activity. The antibody can be stored at 2-8 degree C for 1 month without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of various HEK293 cell lysates using mouse mAb to mCherry, dilution 1:5,000, in green. [1] protein standard, [2] untransfected HEK293 lysate, [3] lysate of HEK293 cells transfected with mCherry-HA construct, and [4] lysate of HEK293 cells transfected with an acGFP construct.



IF (Immunofluorescence)

Immunofluorescent analysis of HEK293 cells stably transduced with a lentiviral vector expressing an mCherry-HA construct (red) and stained with mouse mAb to mCherry, dilution 1:500 in green.

ADDITIONAL INFORMATION

Related Product Information for anti-mCherry antibody	The mCherry protein is derived from a natural product, DsRed, originally isolated as a red fluorescent protein from the coral of the genus Discosoma. As with other natural fluorescent proteins of Cnidarians (jelly fish, sea anemones and corals), the natural form of the protein forms stable tetramers in vivo. The protein is widely used as a fluorescent tracer in transfection, transgenic, photobleaching and FRET type experiments. The prototype for these fluorescent proteins is Green Fluorescent Protein (GFP), which is a ~27kDa protein isolated originally from the jellyfish Aequoria victoria. The mCherry protein is similar in size and general structural properties to GFP, but, obviously, produces a red rather than a green fluorochrome.
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/mcherry-antibody-immunofluorescence-immunohistochemistry-western-blot-immunocytochemistry-elisa/76634>