

Mouse mCherry Monoclonal Antibody | anti-mCherry antibody

Anti-mCherry Antibody

CATALOG # AAA72758	HOST Mouse	APPLICATIONS Immunohistochemistry, Immunofluorescence, Western Blot
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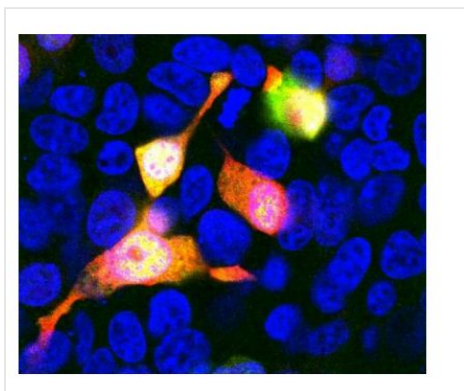
PRODUCT SYNONYMS

mCherry; Monoclonal Antibody; Anti-mCherry Antibody; anti-mCherry antibody

PRODUCT SPECIFICATIONS

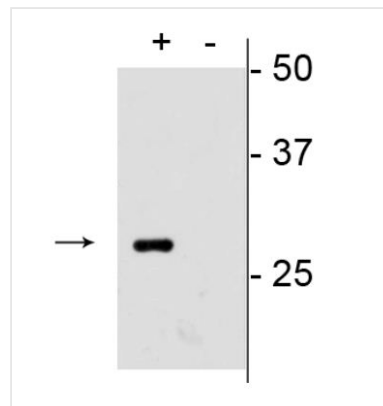
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	1C51
Specificity	Specific for the ~28 kDa mCherry protein
Purity/Purification	Protein G Purified Culture Supernatant
Form/Format	100 ul in PBS + 50% glycerol and 5 mM NaN3
Sequence Length	236
Applicable Applications for anti-mCherry antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen Species	Mouse
Immunogen Information	Recombinant full length protein.
Antigen	Full length recombinant protein
Quality Control Tests	Western blots performed on each lot.
Preparation and Storage	Store at -20 degree C in undiluted aliquots; stable for at least 1 year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence of HEK293 cells transfected with mCherry (red) and immunolabeled with mCherry antibody (green) subsequently appear yellow. Untransfected cell nuclei are stained blue.



WB (Western Blot)

Western blot of mCherry transfected HEK293 cell lysate (+) showing specific immunolabeling of the ~28 kDa mCherry protein. Labeling is absent in the untransfected lysate (-).

ADDITIONAL INFORMATION

Related Product Information for anti-mCherry antibody	mCherry is a red fluorescent protein derived from DsRed which is isolated from disc corals and related to GFP (green fluorescent protein) (Shaner et al., 2004). Fluorescent proteins are commonly used to tag proteins in study of their expression and in transgenic research. Antibodies against fluorescent proteins such as mCherry are especially useful when amplification of the fluorescent signal is necessary or desired.
References	Shaner, N. C., Campbell, R. E., Steinbach, P. A., Giepmans, B. N., Palmer, A. E., & Tsien, R. Y. (2004). Improved monomeric red, orange and yellow fluorescent proteins derived from Discosoma sp. red fluorescent protein. Nature biotechnology, 22(12), 1567.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1229406991
Molecular Weight	~28 kDa
NCBI Official Full Name	mCherry

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-clone-1c51-immunohistochemistry-immunofluorescence-western-blot-elisa/72758>