

mCherry antibody

Cat. No. GTX128508

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-Fr, IHC-Wm, IP, PLA
Reactivity	Species independent

References (72)

★★★★★ Review (2)

Package

100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:1000-1:10000
ICC/IF	1:100-1:1000
IHC-Fr	Assay dependent
IHC-Wm	1:100-1:500
IP	1:100-1:500
PLA	Assay dependent

Not tested in other applications.

Calculated MW 27 kDa. ([Note](#))

Product Note This antibody is specific for mCherry protein, and it does not cross-react with RFP and GFP.

Properties

Form	Liquid
Buffer	PBS, 1% BSA, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.22 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Full length mCherry recombinant protein
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

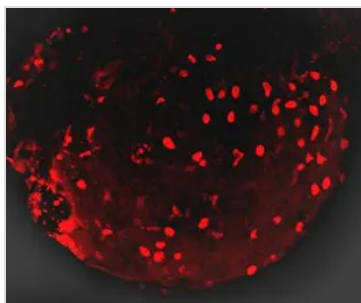
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Note

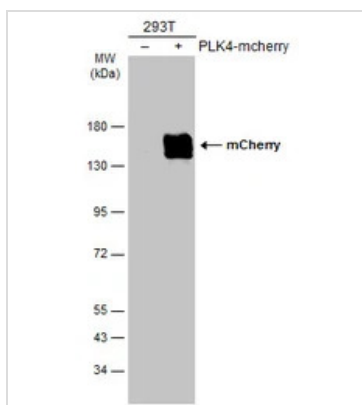
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DATA IMAGES

GTx128508 IHC-Wm Image

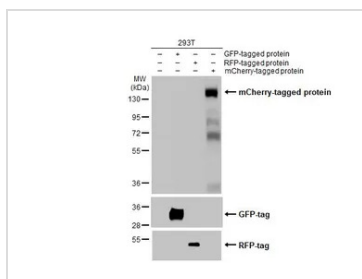
mCherry antibody labels mCherry-expressing cells on zebrafish embryos by whole mount immunohistochemical analysis.

Sample: 2 days-post-fertilization zebrafish embryo.

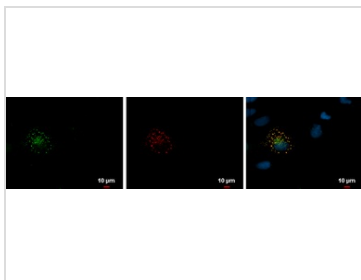
mCherry antibody labels mCherry-expressing cells (GTx128508) dilution: 1:100.


GTx128508 WB Image

Non-transfected (-) and transfected (+) 293T whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with mCherry antibody (GTx128508) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.


GTx128508 WB Image

Non-transfected (-) and transfected (+) 293T whole cell extracts (30 µg) were separated by gradient gel% SDS-PAGE, and the membrane was blotted with mCherry antibody (GTx128508) diluted at 1:10000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.


GTx128508 ICC/IF Image

mCherry antibody detects mCherry protein at mCherry fusion protein by immunofluorescent analysis.

Sample: mCherry fusion protein-transfected HeLa cells were fixed in 4% paraformaldehyde at RT for 30 min, then Triton X-100 for 1 min.

Green: mCherry protein stained by mCherry antibody (GTx128508) diluted at 1:500.

Red: mCherry is expressed in the transfected cell. Blue: Hoechst 33342 staining.



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