10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

Anti-mCherry Antibody

Our Anti-mCherry primary antibody from PhosphoSolutions is mouse monoclonal. It detects mCherry and

Catalog # AN1441

Specification

Anti-mCherry Antibody - Product Information

Application	**WB, IHC**
Host	**Mouse**
Clonality	**Monoclonal**
Isotype	**IgG2a**

Anti-mCherry Antibody - Additional Information

Other Names
DSRED, red fluorescent protein mCherry, Red Fluoroscent Protein

Target/Specificity
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 the 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.

Dilution
WB~~1:1000
IHC~~1:100~500

Format
Protein G Purified

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
Anti-mCherry Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Shipping
Blue Ice

Anti-mCherry Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides

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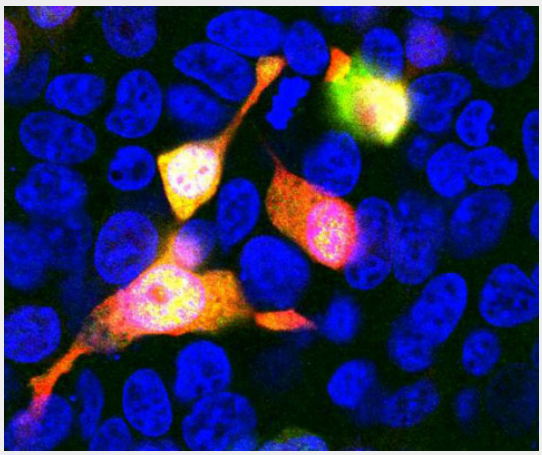
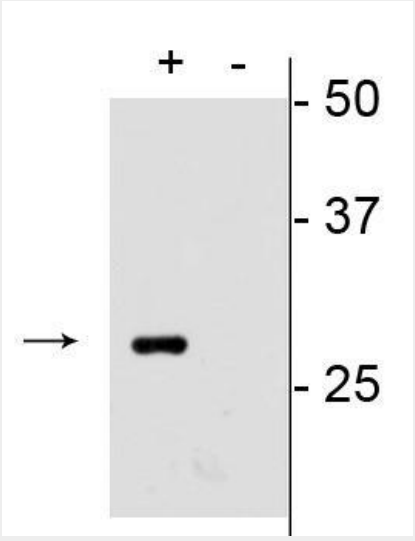
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-mCherry Antibody - Images



Immunostaining of HEK293 cells transfected with mCherry(red) and stained with anti-mCherry antibody (cat. 1203-mCherry, green, 1:500) subsequently appear yellow. The nuclei stained blue (DAPI) distinguishes untransfected cells.



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

Anti-mCherry Antibody - Background

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 the 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.