

Product Datasheet

mCherry Antibody NBP2-43720

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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Publications: 3

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NBP2-43720**mCherry Antibody****Product Information**

Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS (pH 7), 20% Glycerol, 1% BSA
Target Molecular Weight	27 kDa

Product Description

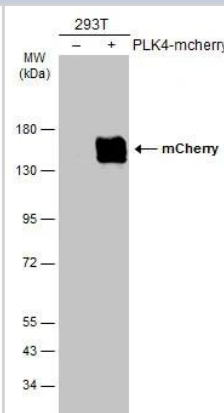
Description	Novus Biologicals Rabbit mCherry Antibody (NBP2-43720) is a polyclonal antibody validated for use in IHC, WB, ICC/IF and IP. Anti-mCherry Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Species	Non-species specific
Immunogen	Full length mCherry recombinant protein

Product Application Details

Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation, Proximity Ligation Assay, Immunohistochemistry Whole-Mount
Recommended Dilutions	Western Blot 1:1000-1:10000, Immunohistochemistry 1:100-1:500, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunoprecipitation 1:100-1:500, Immunohistochemistry-Frozen, Proximity Ligation Assay, Immunohistochemistry Whole-Mount 1:100-1:500
Application Notes	PLA, IHC-FR-Assay dependent

Images

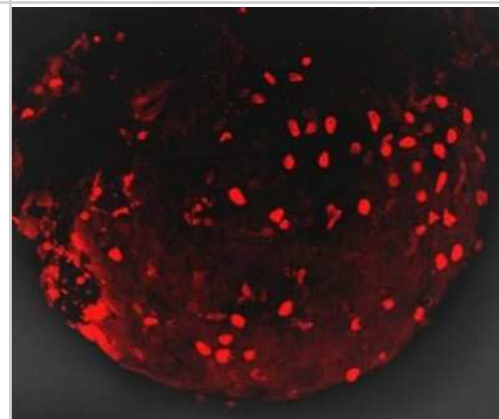
Western Blot: mCherry Antibody [NBP2-43720] - Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with mCherry antibody (NBP2-43720) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



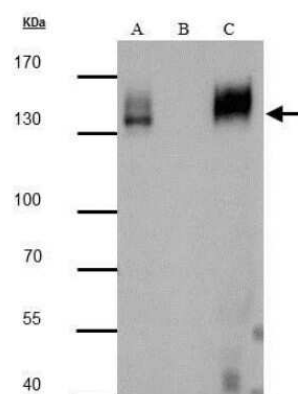
Immunocytochemistry/Immunofluorescence: mCherry Antibody [NBP2-43720] - Analysis of Sample: mCherry fusion protein-transfected HeLa cells were fixed in Triton X-100 for 1 min, then 4% paraformaldehyde at RT for 30 min. Green: mCherry protein stained by mCherry antibody diluted at 1:500. Red: mCherry is expressed in the transfected cell. Blue: Hoechst 33342 staining.



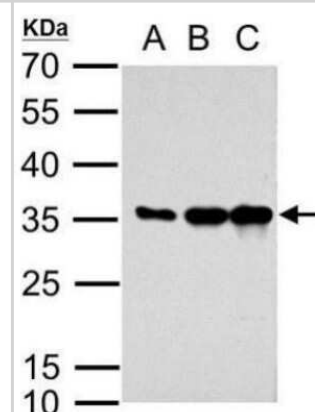
Immunohistochemistry Whole-Mount: mCherry Antibody [NBP2-43720] - Analysis of 2 days-post-fertilization zebrafish embryo. mCherry antibody labels mCherry-expressing cells dilution: 1:100.



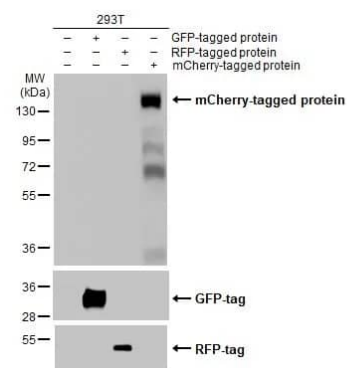
Immunoprecipitation: mCherry Antibody [NBP2-43720] - Analysis of 293T whole cell lysate/extract
A : 20 ug whole cell lysate/extract of mcherry protein expressing 293T cells
B : Control with 2.5 ug of pre-immune rabbit IgG
C : Immunoprecipitation of mcherry protein by 2.5 ug of mcherry antibody
7.5% SDS-PAGE The immunoprecipitated mcherry protein was detected by mcherry antibody diluted at 1 : 3000. EasyBlot anti-rabbit IgG (HRP) was used as a secondary reagent.



Western Blot: mCherry Antibody [NBP2-43720] - Analysis of A. 5ng recombinant mCherry B. 10ng recombinant mCherry C. 20ng recombinant mCherry
12 % SDS-PAGE mCherry antibody dilution: 1:2000.



Western Blot: mCherry Antibody [NBP2-43720] - Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by gradient gel% SDS-PAGE, and the membrane was blotted with mCherry antibody (NBP2-43720) diluted at 1:10000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Publications

Sonali Chaturvedi, Gustavo Vasen, Michael Pablo, Xinyue Chen, Nathan Beutler, Arjun Kumar, Elizabeth Tanner, Sylvia Illouz, Donna Rahgoshay, John Burnett, Leo Holguin, Pei-Yi Chen, Blaise Ndjamen, Melanie Ott, Robert Rodick, Thomas Rogers, Davey M. Smith, Leor S. Weinberger Identification of a therapeutic interfering particle—A single-dose SARS-CoV-2 antiviral intervention with a high barrier to resistance *Cell* 2021-11-10 [PMID: 34838159]

Kruse R, Krantz J, Barker N et al. The CLASP2 Protein Interaction Network in Adipocytes Links CLIP2 to AGAP3, CLASP2 to G2L1, MARK2, and SOGA1, and Identifies SOGA1 as a Microtubule-Associated Protein. *Mol. Cell Proteomics*. 2017-05-26 [PMID: 28550165]

Parker, SS;Krantz, J;Kwak, EA;Barker, NK;Deer, CG;Lee, NY;Mouneimne, G;Langlais, PR; Insulin Induces Microtubule Stabilization and Regulates the Microtubule Plus-End Tracking Protein Network in Adipocytes *Mol. Cell Proteomics* 2019-04-24 [PMID: 31018989] (WB, Mouse)



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Products Related to NBP2-43720

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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