

Anti-mCherry Antibody

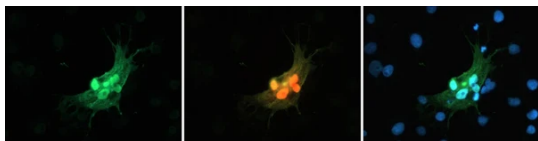


Product Details

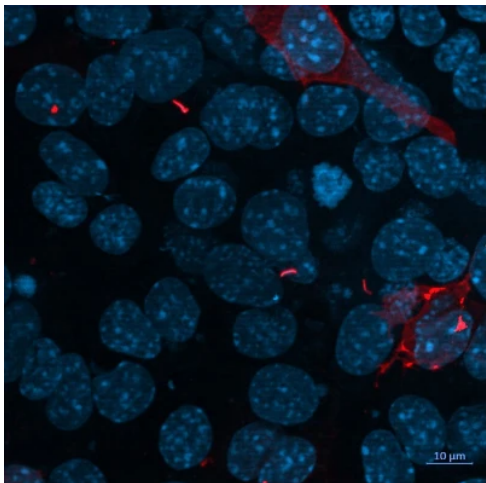
Available Variants	100 µL (SKU:MCHERRY-0020) 500 µL (SKU:MCHERRY-0100)
Isotype	IgY
Gene Name	MCHERRY
Host Species	Chicken
Concentration	0.2 mg/mL
Format	Affinity purified
Physical State	Liquid
Buffer	Phosphate-buffered (10 mM) isotonic (0.9%, w/v) saline ("PBS," pH 7.2) with sodium azide (0.02%, w/v) added as a preservative.
Production Notes	Eggs from hens hyperimmunized with target were used to prepare an IgY fraction which was then subjected to antigen-specific affinity purification
Applications	ICC, IHC, WB
Dilution Ranges	WB: 1:500-1:1000 ICC: 1:100-1:500
Immunogen	Purified recombinant mCherry (Uniprot X5DSL3) expressed in E.Coli
Molecular Weight	27 KDa for native monomer
Quality Control	Each new lot of this antibody is tested by Western blot on an mCherry overexpression cell lysate.
Storage	Store at 4°C in the dark. Under these conditions, the antibodies should have a shelf life of at least twelve months, provided they remain sterile. For longer term storage, aliquot and freeze to avoid freeze-thaw of the antibody.
Antibody Registry ID	AB_2910557

UniProt ID	<u>X5DSL3</u>
Country of Origin	United States
Shipping	Ice packs
Usage Statement	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.

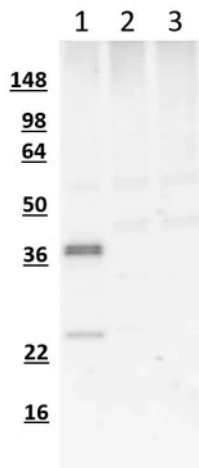
Product Images



Immunofluorescence of COS7 cells expressing mCherry using chicken anti-mCherry antibody (green) and showing mCherry autofluorescence (red). Blue is DAPI nuclear stain showing nuclei of both transfected and untransfected cells. Staining shows 100% correspondence between chicken anti-mCherry signal and mCherry autofluorescence in transfected cells.



IMCD3 cells transfected with Arl13b-mCherry and stained with Anti-mCherry Antibody (Cat. MCHERRY, 1:300) and visualized with A594 anti-chicken secondary antibody. As expected, cytoplasmic and ciliary signals are observed in transfected cells. Image kindly provided by Svetlana Makova, Yale University.



Western blot of COS7 cells transfected with mCherry-myc-FLAG (lane 1), GFP (lane 2), or mock transfected cells (lane 3) using chicken α -mCherry antibody showing the expected staining for mCherry in lane 1 and no staining in GFP or untransfected cells. The ~37kDa major band in lane 1 represents full-length mCherry-myc-FLAG while the shorter ~24kDa band represents an mCherry degradation product.

Product Page URL: www.antibodiesinc.com/products/anti-mcherry-antibody-mcherry



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