

Goat mCherry Polyclonal Antibody | anti-mCherry antibody

mCherry Polyclonal Antibody

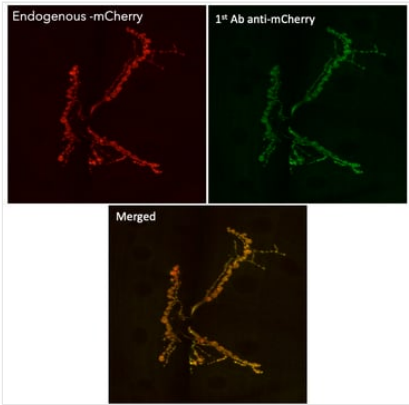
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA13871	Goat	Reacts with Transfected cells proteins	Western Blot, Immunofluorescence, Immunohistochemistry, Immunohistochemistry

PRODUCT SYNONYMS

mCherry; Polyclonal Antibody; mCherry Polyclonal Antibody; Cherry fluorescent protein; dsRed; red fluorescent protein; td Tomato antibody.; anti-mCherry antibody

PRODUCT SPECIFICATIONS

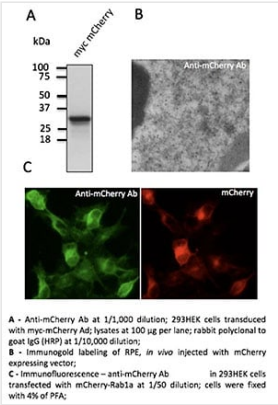
Host	Goat
Reactivity	Reacts with Transfected cells proteins
Clonality	Polyclonal
Specificity	In 293HEK cells transfected with cds plasmid detects a band of 29 kDa by Western blot. The antibody recognizes very well tdTomato and does not cross-react to GFP (green fluorescent protein).
Form/Format	Polyclonal antibody supplied as a 200 uL or 500 uL (3mg/mL) aliquot in PBS, 20% glycerol and 0.05% sodium azide.
Applicable Applications for anti-mCherry antibody	WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry), IHC (Immunohistochemistry)
Application Notes	Western blot: 1:500-1:5,000 Immunofluorescence: 1:50-1:500 Immunohistochemistry (paraffin): 1:50-1:500 Immunohistochemistry (frozen): 1:50-1:500 IEM 1:50-1:500 Immunofluorescence in Drosophila larvae NMJ muscle 6/7 expressing mCherry in neurons (DyGlutnCherry) using 1st Ab anti-mCherry at 1/1000 and 2nd Ab anti-goat IgY conjugated to DyLigth488 at 1/500.
Immunogen	Purified recombinant peptide produced in E. coli
Preparation and Storage	For continuous use, store at 2-8°C for one-two days. For extended storage, store in -20°C freezer. Working dilution samples should be discarded if not used within 12 hours. Avoid freeze/thaw cycles.



IF (Immunofluorescence)
Immunofluorescence in Drosophila larvae NMJ muscle 6/7 expressing mCherry in neurons (DyGlutmCherry) using 1st Ab anti-mCherry at 1/1,000 and 2nd Ab anti-goat IgY conjugated to DyLight®488 at 1/500;

Reactivity Chart						
Sample	WB	IHC (F)	IHC (P)	IF	ELISA	IEM
Transfected cells	+++	+++	+++	+++	ND	+++

Reactivity Chart
+++ "excellent", ++ "good", + "poor", ND not determined



Application Data
Immunofluorescence in Drosophila larvae NMJ muscle 6/7 expressing mCherry in neurons (DyGlutmCherry) using 1st Ab anti-mCherry at 1/1000 and 2nd Ab anti-goat IgY conjugated to DyLigth488 at 1/500

ADDITIONAL INFORMATION

Related Product Information for anti-mCherry antibody	Goat polyclonal antibody to mCherry (Cherry fluorescent protein). mCherry protein is derived from DsRed, an engineered red fluorescent protein from so-called disc corals of the genus Discosoma.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	585087754
NCBI Official Full Name	mCherry, partial

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.