

Catalogue No.

AB0040-200
AB0040-500

Qty:

600 µg
1.5 mg

Anti-mCherry

Source: Goat

General description: Goat polyclonal antibody to mCherry (Cherry fluorescent protein).

Alternative names: Cherry fluorescent protein, dsRed, red fluorescent protein, tdTomato antibody.

Form: Polyclonal antibody supplied as a 200 or 500 µl (3 mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide. This antibody is epitope-affinity purified from goat antiserum.

Immunogen: Purified recombinant peptide produced in E. coli.

Specificity: In 293HEK cells transfected with cds plasmid detects a band of 29 kDa by Western blot. This antibody recognizes very well tdTomato and does not recognize GFP (green fluorescent protein).

Reactivity: Reacts with Transfected cells proteins

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

+++ excellent, ++ good, + poor, ND not determined

Usage:

WB: 1:500-1:5,000
IF: 1:50-1:500
IHC (P): 1:50-1:500
IHC (F): 1:50-1:500
IEM: 1:50-1:500

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.

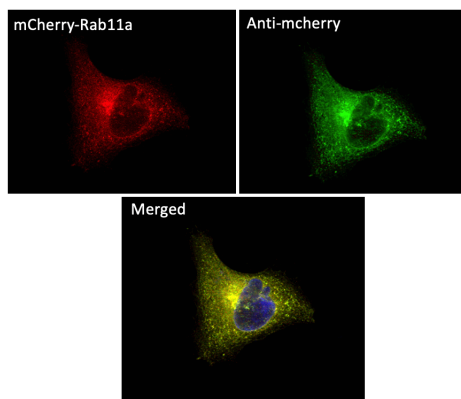
Special instructions: Avoid freeze/thaw cycles..

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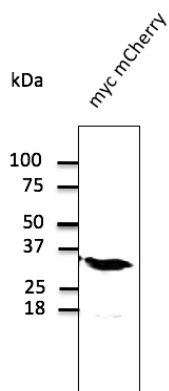
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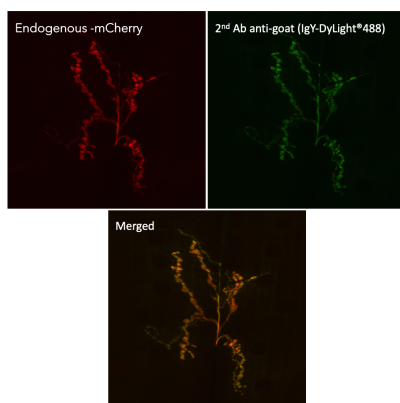
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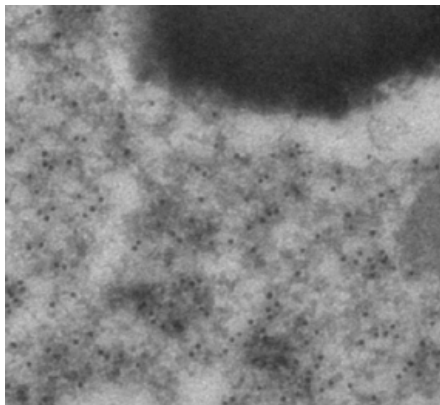
Immunofluorescence – anti-mCherry Ab using MCR cells transduced with mCherry-Rab11a; cells were fixed with methanol and anti-Rab11a at 1/250;



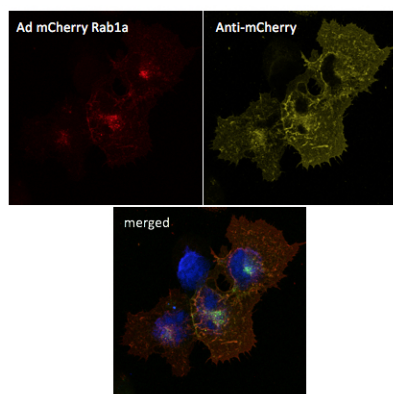
Anti-mCherry Ab at 1/1,000 dilution; 293 cells transfected with myc-mCherry;



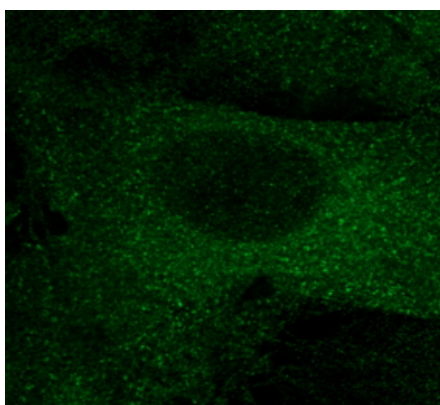
Immunofluorescence in Drosophila larvae NMJ muscle 6/7 expressing mCherry in neurons (DyGlutnmcherry) using 1st Ab anti-mCherry at 1/1,000 and 2nd Ab anti-goat IgY conjugated to DyLight®488 at 1/500;



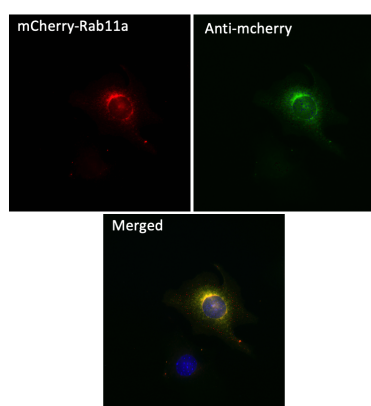
Immunogold labeling of RPE, in vivo injected with mCherry expressing vector;



293 HEK cells transduced with Ad mCherry Rab1a and stained with anti-mCherry;



Anti-mCherry Ab in COS-7 cells transfected with mCherry-EEA1 at 1/100 dilution;



Immunofluorescence – anti-mCherry Ab using hCEC cells transduced with mCherry-Rab11a; cells were fixed with methanol and anti-Ra11a at 1/250;

For research use only, not for diagnostic use

In order to produce high specific antibodies SICGEN has invested a lot of time and effort into selecting immunogen sequences. SICGEN has decided to protect this information by not publishing it on the website. However, these sequences are available on request.