

Datasheet for ABIN1440058

anti-mCherry antibody

3 Images

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Overview

Quantity:	100 µL
Target:	mCherry
Reactivity:	Discosoma
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This mCherry antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunoprecipitation (IP), Immunoelectron Microscopy (IEM)

Product Details

Purpose:	Goat polyclonal antibody to mCherry
Immunogen:	Purified recombinant peptide produced in E. coli.
Isotype:	IgG
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).
Cross-Reactivity (Details):	Red Fluorescent Protein (dsRed), tdTomato and mCherry.
Characteristics:	Goat polyclonal antibody to mCherry (Cherry fluorescent protein).
Purification:	This antibody is epitope-affinity purified from goat antiserum.

Target Details

Target:	mCherry
Alternative Name:	mCherry (mCherry Products)
Background:	Synonyms: Cherry fluorescent protein; dsRed, red fluorescent protein, tdTomato

Application Details

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
Restrictions:	For Research Use only

Handling

Concentration:	1 mg/mL
Buffer:	Polyclonal antibody supplied in PBS, 20% glycerol and 0.05% sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid freeze/thaw cycles. The antibody solution should be gently mixed before use.
Storage:	4 °C, -20 °C
Storage Comment:	Store at -20 °C for long term storage. Store at 2-8 °C for up to one month.

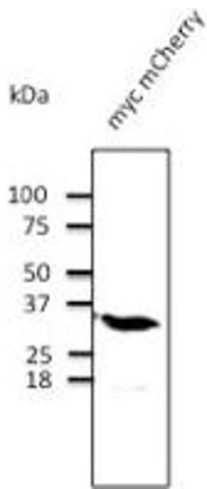
Publications

Product cited in:	Reynolds, Goudet, Jenjaroen, Sumonwiriya, Rinchai, Musson, Overbeek, Makinde, Quigley, Manji, Spink, Yos, Wuthiekanun, Bancroft, Robinson, Lertmemongkolchai, Dunachie, Maillere, Holden, Altmann et al.: "T Cell Immunity to the Alkyl Hydroperoxide Reductase of Burkholderia pseudomallei: A Correlate of Disease Outcome in Acute Melioidosis. ..." in: Journal of immunology (Baltimore, Md. : 1950) , Vol. 194, Issue 10, pp. 4814-24, (2015) (PubMed).
	Zhang, Zhang, Chen, Liu, Luo: "Dendritic-tumor fusion cells derived heat shock protein70-peptide complex has enhanced immunogenicity." in: PLoS ONE , Vol. 10, Issue 5, pp. e0126075, (

2015) ([PubMed](#)).

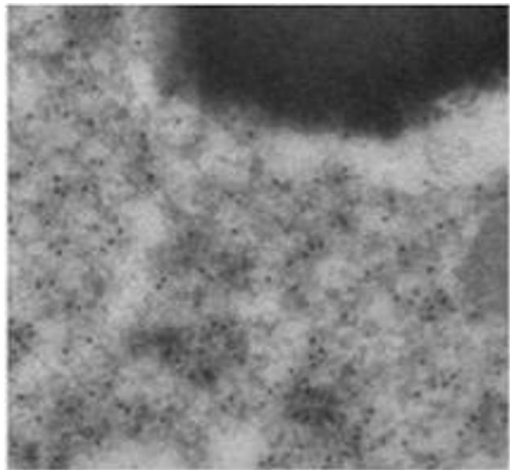
There are more publications referencing this product on: [Product page](#)

Images



Western Blotting

Image 1. Anti-mChery Ab at 1/1,000 dilution; 293 Cells transfected with myc-mChery; lysates at 100 µg per lane; rabbit polyclonal to goat IgG (HRP) at 1/10,000 dilution;



Immunofluorescence

Image 2. Immunogold labeling of RPE, in vivo injected With mCherry expressing vector;

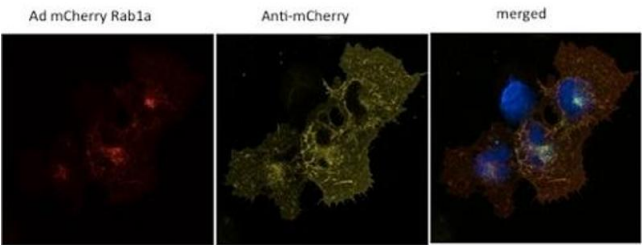


Image 3. 293 HEK cells transduced with Ad mCherry Rab1a and stained with anti-mCherry