

For Research Use Only

# mCherry Monoclonal antibody

Catalog Number: 68088-1-Ig **1 Publications**



## Basic Information

**Catalog Number:** 68088-1-Ig  
**Size:** 150ul , Concentration: 1000 µg/ml by Nanodrop;  
**Source:** Mouse  
**Isotype:** IgG1  
**Immunogen Catalog Number:** AG25320

**GenBank Accession Number:**  
**GeneID (NCBI):**  
**Full Name:**  
**Calculated MW:** 27 kDa

**Purification Method:** Protein G purification  
**CloneNo.:** 1B3C6  
**Recommended Dilutions:** WB 1:2000-1:10000

## Applications

**Tested Applications:** WB, ELISA  
**Cited Applications:** IF, IP, WB  
**Species Specificity:** recombinant protein  
**Cited Species:** human

**Positive Controls:** WB : HEK-293 cells,

## Background Information

mCherry is a fluorophore (a fluorescent protein) used in biotechnology as a tracer to follow the flow of fluids, as a marker when tagged to molecules and cell components. mCherry is the second generation monomeric red fluorescent protein that have improved brightness and photostability. mCherry and the majority of red fluorescent proteins derive from a protein isolated from *Discosoma* sp. mCherry is a monomeric fluorescent construct with peak absorption/emission at 587 nm and 610 nm, respectively.

## Notable Publications

Author	Pubmed ID	Journal	Application
Jia Luo	37660925	J Biol Chem	WB,IF,IP

## Storage

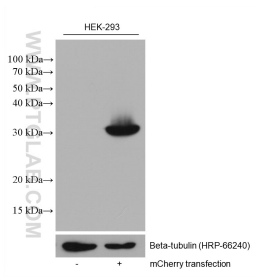
**Storage:** Store at -20°C.  
**Storage Buffer:** PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



HEK-293 cells were subjected to SDS PAGE followed by western blot with 68088-1-Ig (mCherry antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.