

For Research Use Only

mouse anti RFP Monoclonal antibody (6G6)



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Catalog Number: 6g6

212 Publications

Basic Information

Catalog Number:
6g6

Clone No.:
6G6

Applications:
Western blotting

Host/IsoType:
Mouse/IgG2c

Conjugate:
Unconjugated

Type:
Primary Antibody

Class:
Monoclonal

RRID:
AB_2631395

Purification Method:
Protein A or G purified

Description

Mouse monoclonal antibody [6G6] to Red Fluorescent Proteins

Specificity/Target

Tested on mOrange, OFP, DsRed, mCherry, mRFP, mRFPRuby, mScarlet, mScarlet-I, tdTomato, mPlum.
For the complete list, please click here: [Fluorescent protein specificity table antibodies](#)

Recommended Dilution

Western Blot: 1:2,000

Background

Red fluorescent proteins (RFPs) is a collective term referring to a heterogenous group of red chromophore-carrying proteins, originating from various species and forming different protein lineages. The original RFP (dsRed) is a 225 amino acid fluorescent protein (25.9 kDa) derived from *Discosoma* sp.. It emits red light with a peak wavelength of 593 nm upon excitation by green light (excitation peak at 558 nm). When fused with other proteins, RFP serves as a versatile reporter protein e.g. for quantifying expression levels or facilitates visualization of subcellular localization through fluorescence microscopy. This antibody is a mouse (IgG2c) monoclonal antibody raised against RFP, reactive to a variety of RFP derivatives, including mOrange, OFP, DsRed, mCherry, mRFP, mRFPRuby, mScarlet, mScarlet-I, tdTomato, and mPlum.

Storage

Storage:
Shipped on ice. Store at -20°C/-4°F. Stable for 1 year after shipment.

Storage Buffer:
PBS, 50% glycerol, preservative: 0.09% sodium azide.

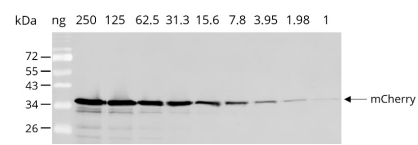
For technical support and original validation data for this product please contact:

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W: www.ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Dilution series of mCherry in HEK 293T cell lysate
Primary antibody: [6G6] 1:1,000 Secondary
antibody: goat anti-mouse Alexa Fluor® 647
1:1,000