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# mCherry-Tag Monoclonal Antibody

catalog number: E-AB-48007

Note: Centrifuge before opening to ensure complete recovery of vial contents.

### **Description**

Reactivity All

Immunogen Recombinant Discosoma sp. mCherry Protein

 Host
 Mouse

 Isotype
 IgG1

 Clone
 4E3

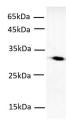
**Purification** Protein A/G Purification

Buffer PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4

## Applications Recommended Dilution

**WB** 1:1000-1:2000 **IF** 1:6000-1:12000

#### Data



Western blot of mCherry protein with anti-mCherry antibody at dilution of 1:2000.

Observed-MW:30 kDa Calculated-MW:30 kDa

Immunofluorescent analysis of 293F cells transfected with the mCherry, using anti-mCherry monoclonal antibody at dilution of 1:12000.

# **Preparation & Storage**

Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping The product is shipped with ice pack, upon receipt, store it immediately at the

temperature recommended.

# **Background**

mCherry is a member of the mFruits family of monomeric red fluorescent proteins (mRFPs). As a RFP, mCherry was derived from DsRed of Discosoma sea anemones unlike green fluorescent proteins (GFPs) which are often derived from Aequoera victoria jellyfish. mCherry belongs to the group of fluorescent protein chromophores used as instruments to visualize genes and analyze their functions in experiments.

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