mCherry-Tag Monoclonal Antibody

catalog number: **E-AB-48007**

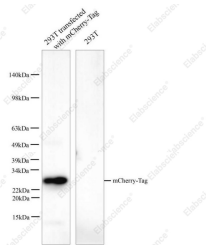
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	All
Immunogen	Recombinant Discosoma sp. mCherry Protein
Host	Mouse
Isotype	Mouse 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

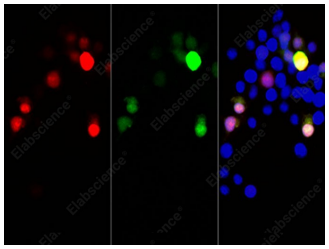
Data



Western blot with Anti mCherry-Tag Monoclonal Antibody at dilution of 1:1000. Lane 1:293T Ttrasfected with mCherry-Tag cell lysate,Lane 2:293T cell lysate.

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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