### bs-41161R

## [ Primary Antibody ]

# Bioss ANTIBODIES

# mCherry Rabbit pAb

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- DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

Target: mCherry

**Purification:** affinity purified by Protein A

Concentration: 1mg/ml

**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

**Background:** mCherry is a fluorophore (a fluorescent molecule) used in

biotechnology as a tracer to follow the flow of fluids, as a marker when tagged to molecules and cells components. mCherry is a monomeric fluorescent construct with peak absorption/emission

at 587 nm and 610 nm, respectively. It is resistant to

photobleaching and is stable. mCherry is sometimes preferred to other fluorophores due to its colour, as well as its photostability

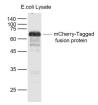
compared to other monomeric fluorophores.

**Applications: WB** (1:1000-5000)

IHC-P (1:200-1000) IHC-F (1:200-1000) IF (1:200-1000) Flow-Cyt (1ug/Test) ICC/IF (1:100-500) ELISA (1:1000-5000)

Reactivity: Species independent

#### VALIDATION IMAGES



Sample: Lane 1: mCherry-tagged fusion protein Overexpression E.coli Lysate (Cat#: bs-33131P) at 4 ug Primary: Anti- mCherry-Tag (bs-41161R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 70 kD Observed band size: 70 kD