

bsm-52995R**[Primary Antibody]**

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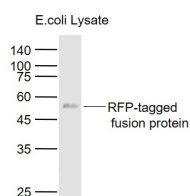
sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

RFP Recombinant Rabbit mAb**— DATASHEET —**

| | | |
|--|-----------------------|---|
| Host: Rabbit | Isotype: IgG | Applications: WB (1:500-2000) |
| Clonality: Recombinant | CloneNo.: 1G11 | |
| Target: RFP | | |
| 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. | | Reactivity: RFP Tag, Fusion Protein |
| Background: Fluorescent proteins have become a useful and ubiquitous tool for making chimeric proteins, where they function as a fluorescent protein tag. Typically they tolerate N- and C-terminal fusion to a broad variety of proteins. They have been expressed in most known cell types and are used as a noninvasive fluorescent marker in living cells and organisms. They enable a wide range of applications where they have functioned as a cell lineage tracer, reporter of gene expression, or as a measure of protein-protein interactions. Red Fluorescent Protein (RFP) is a versatile biological marker for monitoring physiological processes, visualizing protein localization, and detecting transgenic expression in vivo. RFP can be excited by the 488 nm or 532 nm laser line and is optimally detected at 588 nm. | | Predicted MW.: 26 kDa |
| | | Subcellular Location: Cytoplasm ,Nucleus |

— VALIDATION IMAGES —

Sample: Lane 1: RFP-tagged fusion protein
Overexpression E.coli Lysate (Cat#: bs-41403P)
at 4 ug Primary: Anti-RFP (bsm-52995R) at
1/1000 dilution Secondary: IRDye800CW Goat
Anti-Rabbit IgG at 1/20000 dilution Predicted
band size: 51 kD Observed band size: 51 kD