bsm-33016M **[Primary Antibody]**

Strep-Tag II Mouse mAb

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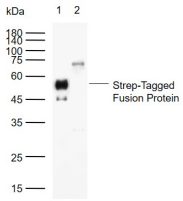
DATASHEET

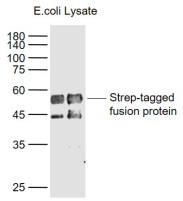
Host: Mouse
Isotype: IgG
Clonality: Monoclonal
CloneNo.: 9B11
Target: Strep-Tag II
Purification: affinity purified by Protein G
Concentration: 1mg/ml
Storage: Size : 50ul/100ul/200ul
0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Size : 200ug (PBS only)
0.01M PBS
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Background: The Strep-tag system is a method which allows the purification and detection of proteins by affinity chromatography. The Strep-tag is a synthetic peptide consisting of eight amino acids (Trp-Ser-His-Pro-Gln-Phe-Glu-Lys). This peptide sequence exhibits intrinsic affinity towards Strep-Tactin, a specifically engineered streptavidin and can be N- or C- terminally fused to recombinant proteins. By exploiting the highly specific interaction, Strep-tagged proteins can be isolated in one step from crude cell lysates. Because the Strep-tag elutes under gentle, physiological conditions it is especially suited for generation of functional proteins.

Applications: **WB** (1:1000-5000)
Reactivity: Species independent
Subcellular Location: Secreted

VALIDATION IMAGES



Sample: Lane 1: Strep-Tagged Fusion Protein Overexpression E.coli Lysates (bs-41403L) Lane 2: Negative control Primary: Anti-Strep-Tag II/HRP (bsm-33016M-HRP) at 1/10000 dilution Predicted band size: kDa Observed band size: 51 kDa



Sample: Strep-Tagged Fusion Protein Overexpression E.coli Lysate (Cat#: bs-41403P) at 4ug Primary: Anti-Strep-Tag II (bsm-33016M) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 51 kD Observed band size: 51 kD

SELECTED CITATIONS

- **[IF=7.464]** Pei Li. et al. Effect of polymorphism in Rhinolophus affinis ACE2 on entry of SARS-CoV-2 related bat coronaviruses. PLOS PATHOG. 2023 Jan;19(1):e1011116 FCM ;Human. 36689489