bsm-33133M **[Primary Antibody]**

TAP-Tag Mouse mAb

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DATASHEET

Host: Mouse **Isotype:** IgG

Clonality: Monoclonal **CloneNo.:** Mix-mA™

Target: TAP-Tag

Purification: affinity purified by Protein G

Concentration: 1mg/ml

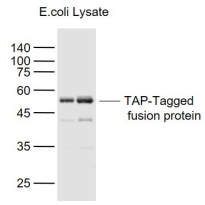
Storage: Size : 100ul/500ul
0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Size : 200ug (PBS only)
0.01M PBS
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: Tandem affinity purification (TAP) is a purification technique for studying protein–protein interactions. It involves creating a fusion protein with a designed piece, the TAP tag, on the end. The original TAP method involves the fusion of the TAP tag to the C-terminus of the protein under study. The TAP tag consists of calmodulin binding peptide (CBP) from the N-terminal, followed by tobacco etch virus protease (TEV protease) cleavage site and Protein A, which binds tightly to IgG. The relative order of the modules of the tag is important because Protein A needs to be at the extreme end of the fusion protein so that the entire complex can be retrieved using an IgG matrix.

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

Reactivity: Species independent

VALIDATION IMAGES



Sample: Lane 1: TAP-Tagged Fusion Protein Overexpression E.coli Lysate (Cat#: bs-41403P) at 2ug Lane 2: TAP-Tagged Fusion Protein Overexpression E.coli Lysate (Cat#: bs-41403P) at 4ug Primary: Anti-TAP-Tag (bsm-33133M) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 51 kD Observed band size: 51 kD