

**bsm-33215M****[ Primary Antibody ]****Nano-Tag (9) Mouse mAb****BioSS**  
ANTIBODIES

www.bioss.com.cn

sales@bioss.com.cn

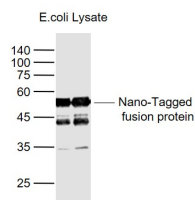
techsupport@bioss.com.cn

400-901-9800

**— DATASHEET —****Host:** Mouse**Isotype:** IgG**Clonality:** Monoclonal**CloneNo.:** 6B7**Target:** Nano-Tag (9)**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:** Well-characterized antibodies for epitope tags consisting of short sequences are widely used in the study of protein expression in various systems. The Nano-tag is a new streptavidin-binding peptide for both the purification and the detection of Nano-tagged proteins. This peptide possesses nanomolar-affinity for streptavidin and therefore is termed Nano-tag. The nano-tags have two types, Nano-tag15 (MDVEAWLGARVPLVET) and Nano-tag9 (MDVEAWLGAR), which bind to streptavidin with dissociation constants of 4 nM and 17 nM, respectively.

**Applications:** **WB** (1:1000-10000)**ELISA** (1:1000-5000)**Reactivity:** Species independent**— VALIDATION IMAGES —**

Sample: Lane 1: Nano-Tagged Fusion Protein  
Overexpression E.coli Lysate (Cat#: bs-41403P)  
at 2ug Lane 2: Nano-Tagged Fusion Protein  
Overexpression E.coli Lysate (Cat#: bs-41403P)  
at 4ug Primary: Anti-Nano-Tag (9) (bsm-33215M)  
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=3.7]** Yanfang Shen. et al.Synthesis and Evaluation of [<sup>64</sup>Cu]Cu-NOTA-HFn for PET Imaging of Transferrin Receptor 1 Expression in Nasopharyngeal Carcinoma.acs omega.2024 Apr 5;9(15):17423-17431. IF ;Human. 38645324