
Nano-Tag (9) Mouse mAb

Catalog Number: bsm-33215M

Target Protein: Nano-Tag (9)

Concentration: 1mg/ml

Form: Size : 100ul/500ul

Liquid

Size : 200ug (PBS only)

Lyophilized

Note: Centrifuge tubes before opening. Reconstitute the lyophilized product in distilled water. Optimal concentration should be determined by the end user.

Host: Mouse

Clonality: Monoclonal

Clone No.: 6B7

Isotype: IgG

Applications: WB (1:1000-10000)

Reactivity: Species independent

Purification: affinity purified by Protein G

Storage: Size : 100ul/500ul

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

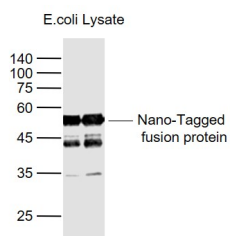
Size : 200ug (PBS only)

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.

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