

[Primary Antibody]



BioSS
ANTIBODIES

www.bioss.com.cn

sales@bioass.com.cn

techsupport@bioss.com.cn

400-901-9800

— DATASHEET

Host: Mouse

Clonality: Monoclonal

Target: GST tag

Purification: affinity purified by Protein G

Concentration: 1mg/ml

Storage: Size : 50ul/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: GST is a 26kDa protein encoded by the parasitic helminth *Schistosoma japonicum* and widely used in the pGEX family of GST plasmid expression vectors as a fusion protein with foreign proteins.

Isotype: IgG

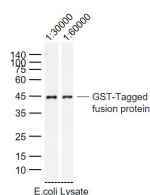
CloneNo.: 3C10

Applications: WB (1:10000-100000)

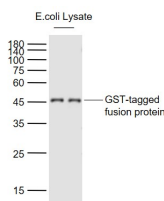
Reactivity: Species independent

Subcellular Location: Cytoplasm

— VALIDATION IMAGES



Sample: GFP-Tagged Fusion Protein
Overexpression E.coli Lysate (Cat#: bs-41230P)
at 2 ug Primary: Anti-GST tag (bsm-33007M) at
1/30000 ~ 1/60000 dilution Secondary:
IRDye800CW Goat Anti-Mouse IgG at 1/20000
dilution Predicted band size: 41 kDa Observed
band size: 41 kDa



Sample: GST-Tagged fusion protein
Overexpression E.coli Lysate (Cat#: bs-41230P)
at 4 ug Primary: Anti-GST tag (bsm-33007M) at
1/60000 dilution Secondary: IRDye800CW Goat
Anti-Mouse IgG at 1/20000 dilution Predicted
band size: 41 kD Observed band size: 45 kD

— SELECTED CITATIONS

- **[IF=8.022]** Aixin Ni. et al. Degradation of amyloid β -peptides catalyzed by natto kinase in vivo and in vitro. FOOD SCI HUM WELL. 2023 Sep;12:1905 WB ;Escherichia coli. 10.1016/j.fshw.2023.02.042
- **[IF=7.2]** Zhiyan Hu. et al. CIP4 targeted to recruit GTP-Cdc42 involving in invadopodia formation via NF- κ B signaling pathway promotes invasion and metastasis of CRC. Mol Ther-Oncolytics. 2022 Feb;; WB ;Strain (B121) . 10.1016/j.omto.2022.02.023
- **[IF=6.1]** Wudi Hao. et al. Screening of cancer-specific biomarkers for hepatitis B-related hepatocellular carcinoma based on a proteome microarray. MOL CELL PROTEOMICS. 2024 Nov;;100872 ;. 39489219

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.