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#### This product is for research use only (not for diagnostic or therapeutic use)

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## Product no AS21 4677

# Anti-GST-tag (mouse, monoclonal)

#### **Product information**

Immunogen 📕 GST (g	glutathione S-transferase) recombinant protein
Host Mouse	
Clonality Monoc	clonal
Subclass/isotype   lgG1a	
Purity Affinity	v purified in PBS pH 7.4. Contains 0.02 % sodium azide. Contains 50 % glycerol.
Format Liquid	
Quantity 50 μg	
Storage Store a tubes I tube.	at -20 C for up to 3 years, Make aliquots to avoid repeated freeze-thaw cycles. Please remember to spin the briefly prior to opening them to avoid any losses that might occur from material adhering to the cap or sides of the

### Application information

 Recommended dilution
 1: 500 - 1: 5000 (WB)

 Expected | apparent MW
 Depends upon MW of a fusion protein

 Additional information
 This antibody is recognizing native and denatured forms of GST

Proteins were isolated from E. coli Rosetta cells transformed with pGEX6P-1 vector. Lane 1 contains protein fraction from bacterial cells before induction with IPTG (-). Lane 2 contains protein fraction from bacterial cells after 2 h induction with IPTG (+). 15uL of sample were loaded and separated on an 15 % SDS-PAGE and transferred for 70 min at 55V using a tank transfer system to nitrocellulose membrane. Blots were blocked with 1x PBS + 0.1 %Tween 20 (T) + 5% milk for 1 h at room temperature (RT) with agitation. Blots were incubated with the primary antibody -GST (AS21 4677) at indicated dilutions overnight at 4 C with agitation in 1x PBS-T + 5% milk. The primary antibody solutions were decanted, and the blots were washed 4 times (6-8 minutes each) in 1x PBS-T at RT with agitation. Blots were incubated with secondary antibody Goat anti-Mouse (Product no: AS09 627-trial) diluted to 1 : 20,000 in 1x PBS-T + 5% milk for 2 h at RT with agitation. The blots were washed as above and developed with ECL or chemiluminescent detection reagents AgriseraECL SuperBright (AS16 ECL-S-10) for 4 min and imaged using ChemiDoc (BioRad) for 5 seconds. PonceauS served as loading control. Courtesy of Kelly Mason and Antje Heese; Dept. Biochemistry, IPG; University of Missouri, Columbia (MO), USA

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