

GST Antibody
Purified Mouse Monoclonal Antibody
Catalog # AO1032a**Specification**

GST Antibody - Product Information

Application

Host

Clonality

Isotype

WB**Mouse****Monoclonal****IgG1****Description**

Epitope tagging offers an easy and universal strategy for the identification and purification of proteins derived by recombinant DNA technology. Expression vectors with Glutathione S-transferase (GST) tag have been developed widely for both prokaryotic and eukaryotic systems, because GST can provide both an easily detectable Tag and a simple purification process with little effect on the biological function of the protein encoded by inserted cDNA sequences. Antibodies of anti-GST tag are useful for checking protein expression using immunoblotting, immunoprecipitation and immunostaining techniques, as well as for immunoaffinity purification of protein expressed in vitro.

Immunogen

Purified fusion protein with GST protein tag expressed in E. Coli.

Formulation

Purified antibody in PBS containing 0.03% sodium azide.

GST Antibody - Additional Information**Dilution**

WB ~ 1/500 - 1/2000

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

GST Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

GST Antibody - Protein Information**GST Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)

- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

GST Antibody - Images

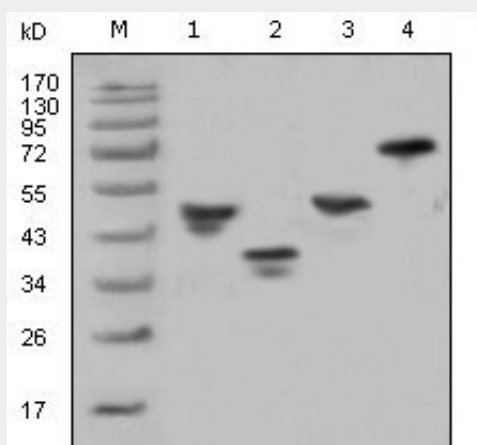


Figure 1: Western blot analysis using GST mouse mAb against various fusion protein with GST tag.

GST Antibody - References

1. 1993. Biotechnology (N Y) 11: 933-6.
2. 1988. Gene 67: 31-40.