

GST Antibody

Purified Mouse Monoclonal Antibody (Mab)
Catalog # AM1011b

Specification

GST Antibody - Product Information

Application	WB,E
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1 k
Calculated MW	26000 Da

GST Antibody - Additional Information

Other Names

Glutathione S-transferase

Target/Specificity

Purified recombinant GST fusion protein was used to produce this monoclonal antibody.

Dilution

WB ~ 1:100~500

Format

Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.

Storage

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

Precautions

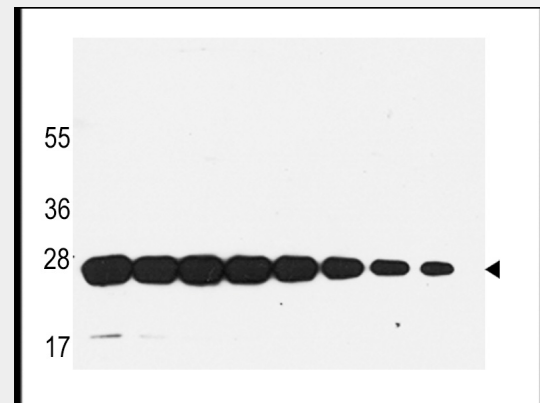
GST Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

GST Antibody - Protein Information

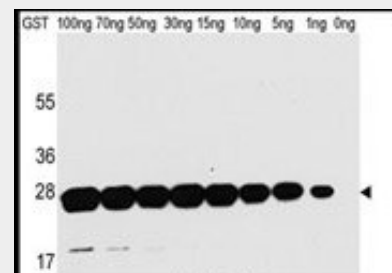
GST Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)



Western blot analysis of anti-GST Mab in recombinant GST protein. GST (arrow) was detected using the purified Mab .



Western blot analysis of anti-GST Mab in recombinant GST protein. GST (arrow) was detected using the purified Mab .

GST Antibody - Background

Glutathione S-transferase (GST) was originally cloned from parasite *Schistosoma japonicum* and it is now a widely used protein fusion partner. Vectors containing GST Tag have been developed for both prokaryotic and eukaryotic systems. The GST fusion proteins are easily purified from cell lysates by affinity chromatography using Glutathione Sepharose 4B to elute out the GST fusion protein from the column with a denaturing form of glutathione. Using the Abgent anti-GST antibody provides a simple solution to detect the expression of GST fusion proteins in cells.

GST Antibody - References

Smith, D.B. and Johnson, K.S., (1988). *Gene* 67, 31. Parker, M.W. et al., (1990) *J. Mol. Biol.* 213,

- [Flow Cytometry](#)
- [Cell Culture](#)

221. Toye, B. et al., (1990) *Infect. Immun.* 58, 3909. Guan, K.L. and Dixon, J.E. (1991) *Anal. Biochem.* 192, 262