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GST Tag Antibody

Purified Mouse Monoclonal Antibody (Mab)
Catalog # AW5668

Product Information

Application	WB
Host	Mouse
Clonality	Monoclonal
Calculated MW	45 KDa
Isotype	Mouse IgG1
Antigen Source	HUMAN

Additional Information

Antigen Region	NA
Other Names	Glutathione S-transferase
Dilution	WB~~1:1000
Target/Specificity	Purified recombinant GST fusion protein was used to produced this monoclonal antibody.
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 Tag Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

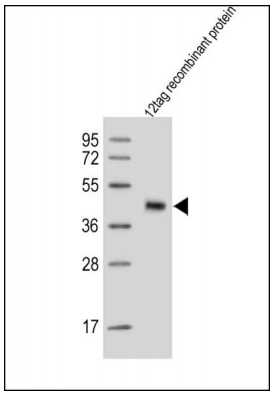
Background

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.

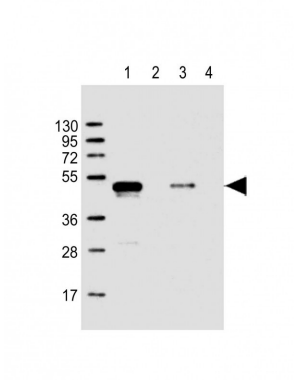
References

Smith, D.B. and Johnson, K.S., (1988). Gene 67, 31.
Parker, M.W. et al., (1990) J. Mol. Biol. 213, 221.
Toye, B. et al., (1990) Infect. Immun. 58, 3909.
Guan, K.L. and Dixon, J.E. (1991) Anal. Biochem. 192, 262

Images



Anti-GST Tag Antibody at1:1000 dilution + 12tag recombinant protein Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 45-50 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



All lanes : Anti-GST Tag Antibody at1:1000 dilution Lane 1: 293T/17 transfected with 12tag lysate(10ug) Lane 2: Non-transfected 293T/17 lysate(10ug) Lane 3: 293T/17 transfected with 12tag lysate(1ug) Lane 4: Non-transfected 293T/17 lysate(1ug) Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 45-50 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.