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GST Antibody

Purified Mouse Monoclonal Antibody (Mab)
Catalog # AM1011b

Product Information

Application	WB, E
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1 k
Clone Names	21CT54.13.1 / 21CT54.13.7
Calculated MW	26000 Da

Additional Information

Other Names	Glutathione S-transferase
Target/Specificity	Purified recombinant GST fusion protein was used to produced this monoclonal antibody.
Dilution	WB~~1:2000 E~~Use at an assay dependent concentration.
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.

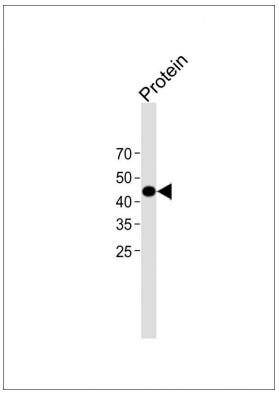
Background

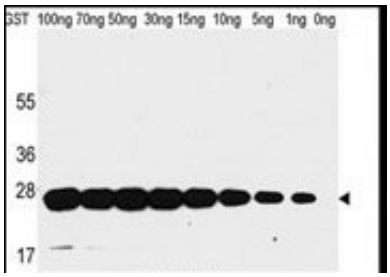
Glutathione S-transferase (GST) was originally cloned from parasite Schistosoma japonicum and it is now a widely used protein fusion partner. Vectors containing GST Tag have been developed for both prokaryotic and eukaryotic systems. The GST fusion proteins are easily purified from cell lysates by affinity 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

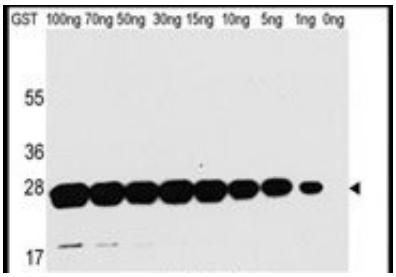
Smith, D.B. and Johnson, K.S., (1988). Gene 67, 31. Parker, M.W. et al., (1990) J. Mol. Biol. 213, 221. Toye, B. et al., (1990) Infect. Immun. 58, 3909. Guan, K.L. and Dixon, J.E. (1991) Anal. Biochem. 192, 262

Images





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 .

Citations

- HnRNP F/H associate with hTERC and telomerase holoenzyme to modulate telomerase function and promote cell proliferation