

10-6505: Mouse Monoclonal Antibody to GST Tag (Clone: 9AT106)(Discontinued)

Clonality :	Monoclonal
Clone Name :	9AT106
Application :	WB
Format :	Purified
Alternative Name :	Glutathione S-transferase
Isotype :	Mouse IgG1

Description

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 anti-GST antibody provides a simple solution to detect the expression of GST fusion proteins in cells.

Product Info

Amount :	80 µl / 400 µl
Purification :	Protein G Chromatography
Content :	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage condition :	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term store at -20°C in small aliquots to prevent freeze-thaw cycles.

Application Note

WB~1:1000- 1:2,000

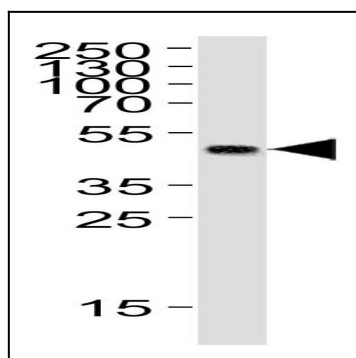


Figure 1: Western blot analysis of lysate from 12 tag recombinant protein, using GST Tag Antibody (10-6505). GST Tag Antibody was diluted at 1:1000. A goat anti-mouse IgG H&L (HRP) at 1:3000 dilution was used as the secondary antibody. Lysate at 35 $\frac{1}{4}$ g.

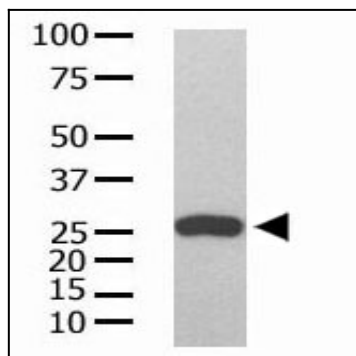


Figure 2: The anti-GST Mab antibody (10-6505) is used in Western blot to detect GST recombinant protein purified from bacterial lysate.