

Product datasheet for **AM11012PU-N**

GST-Tag Mouse Monoclonal Antibody [Clone ID: 9AT106]

Product data:

Product Type:	Primary Antibodies
Clone Name:	9AT106
Applications:	WB
Recommended Dilution:	ELISA: 1/3,000. Western blot: 1/2,000.
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant GST fusion protein was used to produced this monoclonal antibody.
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative State: Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein G Chromatography eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Database Link:	<u>P08515</u>



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

Synonyms:

Glutathione S-transferase Tag, GST26-Tag

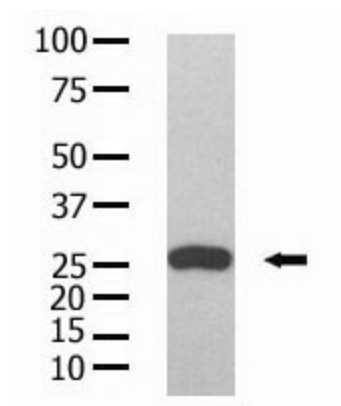
Product images:

Figure 1. Western blot using GST Mab (Cat. #AM11012PU-N) to detect GST recombinant protein purified from bacterial lysate.