

Mouse GST Tag Monoclonal Antibody

GST Tag Antibody

CATALOG # AAA283425	HOST Mouse	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

GST Tag; Monoclonal Antibody; GST Tag Antibody; Glutathione S-transferase; anti-GST Tag antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1
Clone Number	9AT106
Specificity	Purified recombinant GST fusion protein was used to produced this monoclonal antibody.
Purity/Purification	Purified Mouse Monoclonal Antibody (Mab)
Form/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.
Concentration	Vial Concentration: 0.5 (varies by lot)
Applicable Applications for anti-GST Tag antibody	ELISA, WB (Western Blot)
Crown Antibody	Yes
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

The anti-GST Mab is used in Western blot to detect GST recombinant protein purified from bacterial lysate.


WB (Western Blot)

Western blot analysis of lysate from 12 tag recombinant protein, using GST Tag Antibody. AAA283425 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 35ug.

ADDITIONAL INFORMATION

Related Product Information for anti-GST Tag antibody	Glutathione S-transferase (GST) was originally cloned from parasite <i>Schistosoma japonicum</i> 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 AAA Biotech anti-GST antibody provides a simple solution to detect the expression of GST fusion proteins in cells.
Product Categories/Family for anti-GST Tag antibody	Crown Antibodies

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

NCBI AND UNIPROT INFORMATION

Molecular Weight	26000
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/gst-tag-antibody-clone-9at106-western-blot-elisa/283425>