

Mouse anti-All GST Monoclonal Antibody | anti-GST antibody

Mouse Anti-GST monoclonal Antibody

CATALOG # AAA119458	HOST Mouse	REACTIVITY All	APPLICATIONS Western Blot, ELISA
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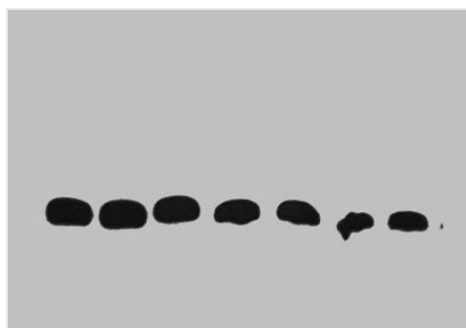
PRODUCT SYNONYMS

GST; Monoclonal Antibody; Mouse Anti-GST monoclonal Antibody; Glutathione S-Transferase; gst; GST tag; anti-GST antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	All
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	2A81D2
Purity/Purification	>95%, Protein G Purified
Form/Format	Liquid; Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Applicable Applications for anti-GST antibody	WB (Western Blot), ELISA
Immunogen	Recombinant GST Protein
Product Type	Tag Control Antibody
Target Names	GST
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



WB (Western Blot)

All lanes: Recombinant GST Protein at 30ng/ml
Line 1: Mouse Anti-GST monoclonal antibody at 1:1000
Line 2: Mouse Anti-GST monoclonal antibody at 1:2000
Line 3: Mouse Anti-GST monoclonal antibody at 1:5000
Line 4: Mouse Anti-GST monoclonal antibody at 1:10000
Line 5: Mouse Anti-GST monoclonal antibody at 1:20000
Line 6: Mouse Anti-GST monoclonal antibody at 1:40000
Line 7: Mouse Anti-GST monoclonal antibody at 1:80000
Predicted band size: 28 kd
Observed band size: 28 kd

ADDITIONAL INFORMATION

Related Product Information for anti-GST antibody	Genetic engineers have used glutathione S-transferase to create the GST gene fusion system. This system is used to purify and detect proteins of interest. In a GST gene fusion system, the GST sequence is incorporated into an expression vector alongside the gene sequence encoding the protein of interest. Induction of protein expression from the vector's promoter results in expression of a fusion protein: the protein of interest fused to the GST protein. This GST-fusion protein can then be purified from cells via its high affinity for glutathione. GST is commonly used to create fusion proteins. The tag has the size of 220 amino acids (roughly 26 KDa), which, compared to other tags like the myc- or the DYKDDDDK-tag, is quite big. However, many commercially-available sources of GST-tagged plasmids include a thrombin domain for cleavage of the GST tag during protein purification.
Product Categories/Family for anti-GST antibody	Tag/Control Antibody

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-antibody-clone-2a81d2-western-blot-elisa/119458>