

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

GST Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28065	Mouse	All	ELISA, Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay, Immunoprecipitation

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	All
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	3D3E4
Purity/Purification	>95%, Protein A purified
Form/Format	Liquid Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH7.4
Applicable Applications for anti-GST antibody	ELISA, WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry), IP (Immunoprecipitation)
Application Notes	WB: 1:10000-1:640000 IF: 1:100-1:300 FC: 1:100-1:300 IP: 1ul-5ul
Immunogen	Recombinant GST Protein
Conjugation	Non-conjugated
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



FCM (Flow Cytometry)

Overlay Peak curve showing 293F cells transfected with GST stained with AAA28065 (red line) at 1:189. The cells were fixed in 4% formaldehyde and permeated by 0.2% TritonX-100. Then 10% normal goat serum was Incubated to block non-specific protein-protein interactions followed by the antibody (1?g/1*106cells) for 1 h at 4 degree C. The secondary antibody used was FITC-conjugated Goat Anti-Mouse IgG(H+L) at 1/100 dilution for 30min at 4 degree C. Isotype control antibody (green line) was mouse IgG2b (1?g/1*106cells) used under the same conditions. Acquisition of >10,000 events was performed.



IP (Immunoprecipitation)

Immunoprecipitating GST in transfected-293F whole cell lysate Lane 1: Mouse control IgG instead of AAA28065 in 293F cell lysate Transfected with GST Lane 2: AAA28065 (5?g) + Transfected-293F whole cell lysate (500?g) Lane 3: Transfected-293F whole cell lysate (10?g) For western blotting, the blot was detected with AAA28065 at 1:2000, and a HRP-conjugated Protein G antibody was used as the secondary antibody at 1:50000



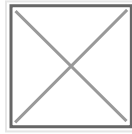
IF (Immunofluorescence)

Immunofluorescence staining of 293F transfected cells with AAA28065 at 1:94.5, counter-stained with DAPI. The cells were blocked in 10% normal Goat Serum and then incubated with the primary antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



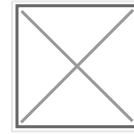
WB (Western Blot)

Western BlotPositive WB detected in: 25ng recombinant protein with GST tag from E.coliGST antibody at 1:10000, 1:20000, 1:40000, 1:80000, 1:160000, 1:320000, 1:640000SecondaryGoat polyclonal to mouse IgG at 1/50000 dilutionPredicted band size: 26 KDaObserved band size: 26 KDaExposure time: 5min



WB (Western Blot)

Western BlotPositive WB detected in: Recombinant protein with GST tag from E.coli at 50ng, 25ng, 12.5ng, 6.25ng, 3.125ng, 1.5625ngAll lanes: GST antibody at 1:10000SecondaryGoat polyclonal to mouse IgG at 1/50000 dilutionPredicted band size: 26 KDaObserved band size: 26 KDaExposure time: 5min



WB (Western Blot)

Western BlotPositive WB detected in: 50ng Recombinant protein with GST tag from E.coliAll lanes: GST antibody at 1:2000SecondaryGoat polyclonal to mouse IgG at 1/50000 dilutionPredicted band size: 26, 102.9, 75.6 KDaObserved band size: 26, 103, 76 KDaExposure time: 5min

ADDITIONAL INFORMATION

Product Categories/Family for anti-GST antibody

[Tag/Control Antibodies](#)

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-3d3e4-western-blot-immunofluorescence-flow-cytometry-immunoprecipitation-elisa/28065>