

Mouse anti-GST Tag (GST.B6), MM-0167-P**DATASHEET**

Product name: GST Tag antibody

Background information: Glutathione-S-transferases (GSTs) are ubiquitous multifunctional enzymes, which play a key role in cellular detoxification. The GST gene is often used in gene fusion systems for the expression, purification and detection of fusion proteins.

Product Description: A highly specific and sensitive antibody against native and denatured forms of GST. The antibody was raised against the GST protein.

Format: 100 µg of lyophilized purified antibody from mouse ascites fluid. **Reconstitute in 100 µl of distilled H₂O for 1 µg/µl.** It contains no additives.

Species: Mouse

Clonality: Monoclonal

Isotype: IgG2a

Reactivity / Specificity: The antibody recognizes native and denatured forms of purified GST or GST fusion proteins.

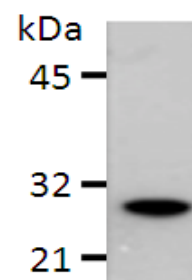
Applications: Dot Blot (Dot), ELISA (E), Immunostaining (IS), Immunoprecipitation (IP), Western Blot (WB).

Recommended starting dilutions: If reconstituted in 100 µl: IS 1:500-1:2000, WB 1:1000-1:3000. Optimal dilution has to be determined by the user.

Storage: Lyophilized antibody can be kept at 4°C for up to 3 months and should be kept at -20°C for long-term storage. To avoid freeze-thaw cycles, reconstituted antibody should be aliquoted before freezing for short-term storage (-20°C) or for long-term storage (-80°C). For maximum recovery of product, centrifuge the original vial prior to removing the cap. Further dilutions can be made in assay buffer.

Stability: Minimum 1 year from reception date.

Limitations: This product is to be used for research purposes only.



BL-21 bacteria lysate expressing the GST protein probed with the anti-GST Tag antibody. 1:5000 (0.2µg/mL) Ab dilution.