

THE™ GST Antibody [Biotin], mAb, Mouse**Cat. No.:** A00867-200**Size:** 200 µg**Synonyms:** Mouse Anti-GST-tag [Biotin] mAb;**Description:**

GenScript THE™ GST Antibody [Biotin], mAb, Mouse is the biotin conjugated THE™ Anti-GST Monoclonal Antibody (Mouse) (A00865) purified from mice ascites by protein A affinity column. The antibody is suitable for detecting the expression level of GST in fusion proteins.

Immunogen: Recombinant GST protein (26 kD)**Host:** Mouse**Conjugation:** Biotin**Fusion Partner:**

Spleen cells are fused with SP2/0-Ag14 mouse myeloma cells

Formulation:

Lyophilized with PBS, pH 7.4, containing 1% BSA and 0.02% sodium azide

Clone: 2F10B9**Ig Subclass:** IgG1, k**Specificity:** THE™ GST Antibody [Biotin], mAb, Mouse recognizes C-terminal, N-terminal, and internal tagged GST

fusion proteins.

Purification: Protein A affinity column**Applications:**

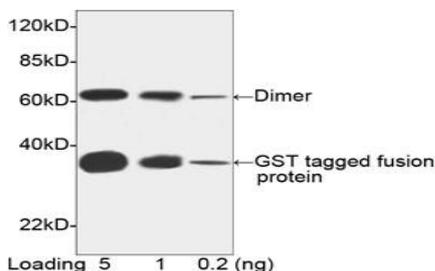
Working concentrations for specific applications should be determined by the investigator. Appropriate concentrations will be affected by several factors, including secondary antibody affinity, antigen concentration, sensitivity of detection method, temperature, and length of incubations, etc. The suitability of this antibody for applications other than those listed below has not been determined. The following concentration ranges are recommended starting points for this product.

ELISA: 0.05–0.2 µg/ml**Western blot:** 0.1-1 µg/ml**Other applications:** user-optimized**Reconstitution:**

Reconstitute the lyophilized powder with deionized water (or equivalent) to an antibody concentration of 0.5 mg/ml.

Storage:

The antibody is stable in lyophilized form if stored at -20°C or below. The reconstituted antibody can be stored for 2-3 weeks at 2-8°C. For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles.

Example

Western blot analysis of GST-tagged fusion protein using THE™ GST Antibody [Biotin], mAb, Mouse (GenScript, A00867, 1 µg/ml). The signal was developed with Streptavidin-HRP (GenScript, M00091, 1:10,000) and LumiSensor™ HRP Substrate Kit (GenScript, L00221). Predicted Size: 31 kD. Observed Size: 31 kD.