

THE™ GST Antibody [HRP], mAb, Mouse**Cat. No.:** A00866-40**Size:** 40 µg**Synonyms:** Mouse Anti-GST [HRP] mAb;**Description:**

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

Immunogen: Recombinant GST protein (26 kD)**Host:** Mouse**Conjugation:** Horseradish peroxidase (HRP)**Fusion Partner:**

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

Formulation:

0.5mg/ml, lyophilized with PBS, pH 7.4, containing 1% BSA and 0.01% thimerosal

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

fusion proteins.

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

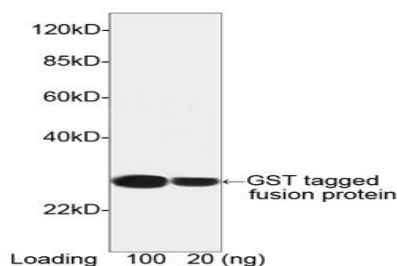
Working concentrations for specific applications should be determined by the investigator. The appropriate concentrations may be affected by secondary antibody affinity, antigen concentration, the sensitivity of the method of detection, temperature, the length of the incubations, and other factors. The 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 antibody with deionized water (or equivalent) to a final 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 [HRP], mAb, Mouse (GenScript, A00866, 0.1 µg/ml)

The signal was developed with LumiSensor™ HRP Substrate Kit (GenScript, L00221).

Predicted Size: 26 kD

Observed Size: 26 kD