

Rev05
Update: Nov,03,2023

DATASHEET

THE™ GST Antibody [HRP], mAb, Mouse

Cat. No.: A00866

Overview

Specificity	THE™ GST Antibody [HRP], mAb, Mouse recognizes C-terminal, N-terminal, and internal tagged GST fusion proteins.
Host Species	Mouse
Immunogen	Recombinant GST protein (26 kD)
Conjugate	Horseradish peroxidase (HRP)

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.

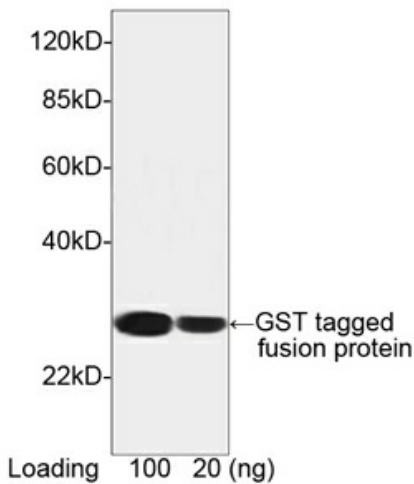
Application	Recommended Usage
ELISA	0.05-0.2 µg/ml
Western Blot	0.1-1.0 µg/ml

Properties

Form	Lyophilized
Storage Buffer	Lyophilized with PBS, pH 7.4, containing 1% BSA and 0.01% thimerosal
Reconstitution	Reconstitute the lyophilized powder with deionized water (or equivalent) to a final concentration of 0.5 mg/ml.
Storage Instructions	The lyophilized product remains stable for up to 1 year at -20 °C from the date of receipt. Upon reconstitution, it can be stored for 2-3 weeks at 2-8 °C or for up to 12 months at -20 °C or below. Avoid repeated freezing and thawing cycles.
Purification	Protein A affinity column

Isotype	Mouse IgG1
Clonality	Monoclonal
Clone ID	2F10B9

Examples



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

Background

Target Background : 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.

Synonyms : Mouse Anti-GST [HRP] mAb;

For laboratory research use only. Direct human use, including taking orally and injection and clinical use are forbidden.

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