

Rev05  
Update: Nov,03,2023

**DATASHEET**

# THE™ GST Antibody [Biotin], mAb, Mouse

Cat. No.: A00867

## Overview

<b>Specificity</b>	THE™ GST Antibody [Biotin], mAb, Mouse recognizes C-terminal, N-terminal, and internal tagged GST fusion proteins.
<b>Host Species</b>	Mouse
<b>Immunogen</b>	Recombinant GST protein (26 kD)
<b>Conjugate</b>	Biotin

## 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.

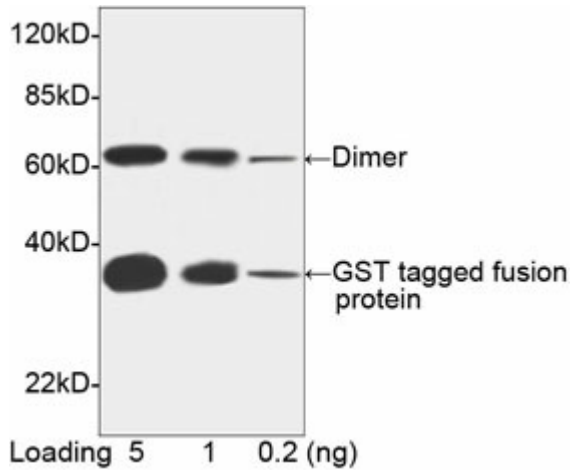
<b>Application</b>	<b>Recommended Usage</b>
ELISA	0.05-0.2 µg/ml
Western Blot	0.1-1.0 µg/ml

## Properties

<b>Form</b>	Lyophilized
<b>Storage Buffer</b>	Lyophilized with PBS, pH 7.4, containing 1% BSA and 0.02% sodium azide
<b>Reconstitution</b>	Reconstitute the lyophilized powder with deionized water (or equivalent) to an final concentration of 0.5 mg/ml.
<b>Storage Instructions</b>	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.
<b>Purification</b>	Protein A affinity column
<b>Isotype</b>	Mouse IgG1, $\kappa$

Clonality	Monoclonal
Clone ID	2F10B9

## Examples



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

## Background

**Target Background :** 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.

**Synonyms :** Mouse Anti-GST-tag [Biotin] mAb;

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

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