

### ★ Storage

Store at -20°C for long term.

Store aliquote at 4 °C for short term use (2-3 weeks).

### ✦ Contents

- Product Manual
- GST-Tag Mouse Monoclonal Antibody, Clone GST.B6

ALL PRODUCTS SOLD BY GenDEPOT ARE INTENDED FOR RESEARCH USE ONLY UNLESS OTHERWISE INDICATED. THIS PRODUCT IS NOT INTENDED FOR DIAGNOSTIC OR DRUG PURPOSE

### ★ Shipping Condition

Ship with ice pack.

### ★ Introduction

Epitope tags provide a method to localize gene products in a variety of cell types, study the topology of proteins and protein complexes, identify associated proteins, and characterize newly identified, low abundance or poorly immunogenic proteins when protein specific antibodies are not available. GST (Glutathione S-transferase) is a 26kDa protein, present in eukaryotes and in prokaryotes, where they catalyze a variety of reactions. Glutathione S-transferase is used to create the GST gene fusion system. This GST-fusion protein can then be purified from cells via its high affinity for glutathione. Fusion proteins offer an important biological assay for direct protein-to-protein interactions. The GST gene fusion system has been introduced into numerous expression vectors.

GenDEPOT's GST-Tag Mouse Monoclonal Antibody recognizes native and denatured forms of purified GST or GST fusion proteins.

### ★ Antibody Information

**Description:** Mouse anti-GST Monoclonal Antibody

**Immunogen:** GST protein

**Specificity:** Recognizes native and denatured forms of purified GST or GST fusion proteins.

**Application:** Dot, ELLSA, IP, WB

**Reactivity:** Human

**Clonality:** Monoclonal, GST.B6

**Host:** Mouse

**Isotype:** IgG2a

**Purification:** Affinity purified

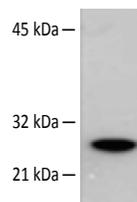
**Conjugated:** Unconjugated

**Form:** Liquid, 1mg/ml in 10mM PBS, pH 7.2 with 0.1% Kathon

### ★ Tested Application and Dilution

Application	Dilution Range
Western Blot (WB)	1:1,000 - 1:3,000
Immunoprecipitation (IP)	1:50 - 1: 200
IF/ICC	1:200 - 1:500
DOT	Determined by end users
ELISA	Determined by end users

### ★ Typical Data Obtained



1:5,000 (0.2ug/mL) Ab dilution probed against BL-21 bacteria lysate expressing the GST protein

### ★ Related Products

Product Name	Cat No
Albumin, (IgG, Fatty Acid and Protease Free)	A0100
AffiSelect Cox IV Loading Control Antibody	A0017
AffiSelect GAPDH Loading Control Antibody, 100ug	A0039
AffiSelect Beta-Actin Loading Control Antibody, 100ug	A0042
AffiSelect a-Tubulin Loading Control Antibody, 100ug	A0050
Affiselect Total Protein Extraction Solution	A0710
NP-40 Lysis Buffer (2X)	N1200
Puredown Protein A-Agarose, BSA Blocked	P9201
Puredown Protein G-Agarose, BSA Blocked	P9202
Puredown Protein A/G-Agarose, BSA Blocked	P9203
RIPA Cell Lysis Buffer (1X) with EDTA	R4100