

## Glutathione-S-Transferase (GST) Affinity-Purified Polyclonal Antibody

### ORDERING INFORMATION

Catalog No.	Size
18844	1mg
18844-01	100ug

**Format:** 1mg/ml in Phosphate Buffered Saline (PBS), pH 7.2, 0.09% sodium azide.

### BACKGROUND

A GST-tag is often used to separate and purify proteins that contain the GST-fusion protein. The tag is 220 amino acids which, compared to tags such as the myc-tag, is quite large. It can be fused to either the N-terminus or C-terminus of a protein. Many commercially available sources of GST-tagged plasmids include a thrombin domain for cleavage of the GST tag during protein purification.

### SPECIFICATION SUMMARY

**Antigen:** Glutathione-S-Transferase (GST) from *Schistosoma japonicum*.

**Host Species:** Rabbit

**Specificity:** Antibody was affinity-purified on GST.

### APPLICATIONS

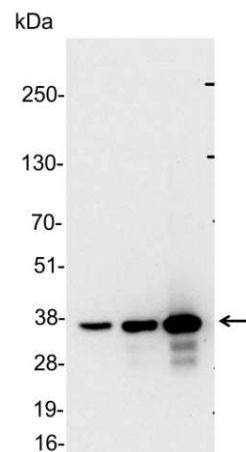
**Immunoblotting:** use at a dilution of 1:1,000-1:20,000.

**Immunocytochemistry:** use at a dilution of 1:100-1:400.

**Immunoprecipitation:** use 1-4ug/mg lysate.

**ELISA:** for detection use at a dilution of 1:1,000-1:30,000; for coating use at a dilution of 1:100-1:500.

These are recommended dilutions.  
Endusers should determine optimal dilutions for their applications.



Detection of GST-tagged fusion protein in 0.1, 0.3, and 1.0ug of 293 cell lysate with 18844 diluted 1:15,000.

### DILUTION INSTRUCTIONS

Dilute in PBS or medium that is identical to that used in the assay system.

### STORAGE AND STABILITY

This antibody is stable for at least one (1) year at 2-8°C.

*For in vitro investigational use only. Not for use in therapeutic or diagnostic procedures.*