

Glutathione-S-Transferase (GST) Affinity-Purified Polyclonal Antibody, HRP Conjugate

ORDERING INFORMATION

Catalog No.	Size
18842P	100ug

Format: 1mg/ml conjugated to horseradish peroxidase (HRP) in Phosphate Buffered Saline (PBS), pH 7.2, 0.2% BSA, 0.1% Pro-Clean 400. Molar enzyme/antibody ratio = 4:1.

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: Goat

Specificity: Antibody was affinity-purified on GST.

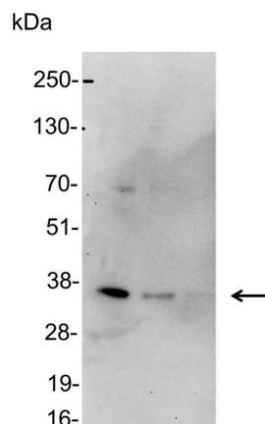
APPLICATIONS

Immunoblotting: use at a dilution of 1:1,000-1:30,000.

Immunocytochemistry: use at a dilution of 1:200-1:500.

ELISA: use at a dilution of 1:10,000-1:100,000.

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



Detection of GST-tagged fusion protein in 1.0, 0.3, and 0.1ug of 293 cell lysate with 18842P 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.