

Rev. V2.3



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# **GST-Tag Monoclonal Antibody**

catalog number: E-AB-48006

Note: Centrifuge before opening to ensure complete recovery of vial contents.

### Description

Reactivity All

Immunogen Recombinant GST protein expressed by E.coli

Host Rabbit Isotype IgG
Clone 4E7

Purification Protein A/G Purification

Buffer PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4

### Applications Recommended Dilution

**WB** 1:500-1:1000

#### Data



Western blot of four different GST-Tagged fused recombinant proteins with Anti-GST rabbit monoclonal antibody at dilution of 1:1000. Lane 1: Recombinant GST protein at 6.25ng; Lane 2: Recombinant GST protein at 12.5ng; Lane 3: Recombinant GST protein at 25ng; Lane 4:

Recombinant GST protein at 50ng
Observed-MW:26 kDa
Calculated-MW:26 kDa

### **Preparation & Storage**

Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping The product is shipped with ice pack, upon receipt, store it immediately at the

temperature recommended.

### **Background**

GST, Glutathione-S-transferase, a 26 kDa sequence of 211 amino acids, is another widely used affinity tag that increases solubility of the desired protein. GST tag has affinity for immobilized glutathione and is used for prokaryotic expression more frequently. It can be fused to either the N-terminus or C-terminus of a protein.

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