

## GST-Tag Monoclonal Antibody

**catalog number: E-AB-48005**

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

### Description

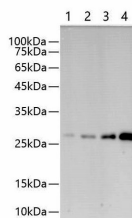
<b>Reactivity</b>	All
<b>Immunogen</b>	Recombinant GST protein expressed by E.coli
<b>Host</b>	Mouse
<b>Isotype</b>	IgG2a
<b>Clone</b>	4H3
<b>Purification</b>	Protein A/G Purification
<b>Buffer</b>	PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4

### Applications

### Recommended Dilution

<b>WB</b>	1:500-1000
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### Data



Western blot of GST-Tag fused recombinant proteins with Anti-GST mouse 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

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

### For Research Use Only