# Product datasheet Anti-GST Tag Antibody (Clone#5A7)

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antibody and ELISA experts

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Catalog Number: M30973

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<b>Product Name</b>	Anti-GST Tag Antibody (Clone#5A7)
Source	Mouse
Clonality	Monoclonal
Isotype	lgG2b
Species Reactivity	All species
Tested Application	Dot blot, ELISA, WB
Contents	500ug/ml antibody with PBS ,0.02% NaN3 , 1mg BSA and 50% glycerol.
Immunogen	This antibody is produced by immunizing animals with a synthetic GST tag peptide corresponding to KLH.
Concentration	0.5mg/ml
Observed MW	52 kDa
Dilution Ratios	Western blot (WB):1:500-5000

## **Storage**

12 months from date of receipt,  $-20^{\circ}$ C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.

### **Background Information**

A GST-Tag is often used to separate and purify proteins that contain the GST-fusion protein. The Tag is 220 amino acids (roughly 26KDa), in size is quite large. It is fused to the N-terminus of a protein. However, many commercially available sources of GST-Tagged plasmids include a thrombin domain for cleavage of the GST Tag during protein purification.

## Reference

Anti-GST Tag Antibody (Clone#5A7)被引用在1文献中。

### **Selected Validation Data**

#### **Product datasheet**

#### **Anti-GST Tag Antibody (Clone#5A7)**

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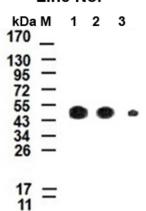
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#### Line No.

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Western blot analysis of different concentration of Anti-GST Tag (5A7) Monoclonal Antibody

Antigen: Extracts from E.coli expressing GST-tagged protein

Line No.

1: 1 ug/mL

2: 0.5 ug/mL

3: 0.1 ug/mL