

## Basic Information

Product Name	Anti-GST Tag Antibody (Clone#5A7)
Source	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Species Reactivity	All species
Tested Application	WB, Dot blot, ELISA
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°C as supplied.

## 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2文献中。

## Selected Validation Data

**Line No.**

kDa M 1 2 3

170	—		
130	—		
95	—		
72	—		
55	—		
43	—		
34	—		
26	—		
17	—		
11	—		

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