

Basic Information

Product Name	Anti-GST Tag Antibody (Clone#5A7)
Source	Mouse
Isotype	IgG2b
Species Reactivity	All species
Tested Application	Dot blot, ELISA, WB
Contents	500ug/ml antibody with PBS , 0.02% NaN ₃ , 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	52KD
Dilution Ratios	Western blot (WB) :1:500-5000

Storage

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

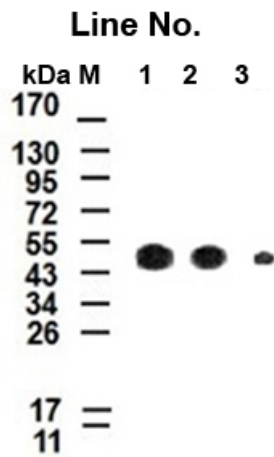
Background Information

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



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