

GST-Tag Mouse Monoclonal Antibody(2M9)



<u>Catalog No.</u>	<u>Size</u>
E022310-01	100µl
E022310-02	500µl
E022310-03	50µl

Specificity	Anti- GST
Source	Mouse Monoclonal Antibody(2M9)
Application	WB
Form	Liquid, 1 mg/ml

Background

The glutathione S-transferase (GST, previously known as ligandins) family of enzymes are composed of many cytosolic, mitochondrial, and microsomal proteins. GSTs are present in eukaryotes and in prokaryotes, where they catalyze a variety of reactions and accept endogenous and xenobiotic substrates. GST tag antibody can be helpful in detecting the fusion protein during purification as well as the cleavage of GST from the protein of interest. GST tag antibody has wide applications that could include your research on GST proteins or GST fusion recombinant proteins.

Specificity and Sensitivity

The GST tag antibody can recognize C-terminal, internal, and N-terminal GST fusion proteins.

Source and Purification

Anti-GST antibody was produced by immunizing mice with a GST peptide. Antibodies are purified by protein A affinity chromatography.

Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows:

WB: 1:1,000~10,000

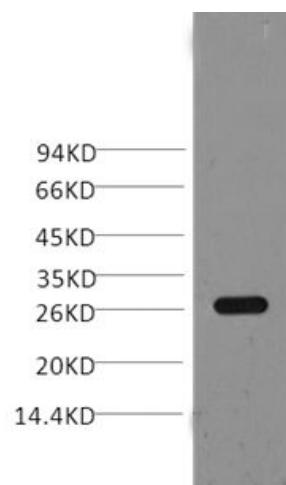
Storage Buffer

Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage Instructions

Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

Images



Western blot analysis of 0.2ug GST protein with GST (2M9) Mouse mAb diluted at 1:5,000