



Cyrusbioscience

GST-Tag Antibody (Mouse)

Catalog Number: TAB0008

Amount: 100µg/100µl

Clone Number: 1B10

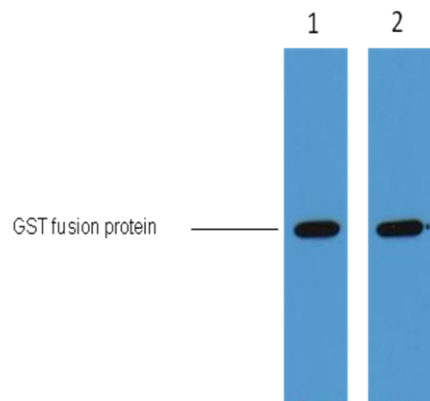
Background: The glutathione S-transferase (GST, previously known as ligandins) family of enzymes are composed of many cytosolic, mitochondrial, and microsomal proteins. GSTs are present in eukaryotes and in prokaryotes, where they catalyze a variety of reactions and accept endogenous and xenobiotic substrates. 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.

Form of Antibody: Mouse IgG1 in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage/Stability: Store at $-20^{\circ}C$ /1 year

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

Applications: WB: 1:2,000-1:5,000



0.5ug GST fusion protein+ Primary antibody dilution at 1:5,000 (lane 1) and 1:10,000 (lane 2).