



ELK Biotechnology

GST-Tag Mouse mAb

Catalog NO.: EM1144

For research use only.

Overview

Product name	GST-Tag Mouse Monoclonal antibody
Source	Mouse
Applications	WB IP IF
Species reactivity	N/A
Recommended dilutions	WesternBlot:1/5000 Immunoprecipitation:1/200 NOTE: Optimal dilutions should be determined by the end user.
Immunogen	Synthetic Peptide
Species	N/A
Storage	PBS with 0.02% sodium azide and 50% glycerol pH 7.4. Store at -20° C. Avoid repeated freeze-thaw cycles.
Isotype	IgG1
Clonality	Monoclonal
Concentration	1 mg/ml
Observed band	N/A
GenelD (Human)	N/A
Human Swiss-Prot No.	N/A
Cellular localization	N/A
Alternative Names	N/A

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.

Western blot analysis of GST recombinant protein with EM1144 diluted at:10000.

