

ATAGENIX LABORATORIES

Catalog Number:ATMA00010Mo Anti GST tag mouse monoclonal antibody

Product overview

product name	Anti GST tag mouse monoclonal antibody				
catalog No.	ATMA00010Mo				
Category	Primary antibody				
Host	Mouse				
Species specificity	Recognizes Glutathione-S-Transferase (GST) tagged fusion proteins.				
Tested applications	WB,ELISA				
Clonality	Monoclonal				
Clone No.	4F7				
Conjugation	Unconjugated				
Immunogen	Recombinant protein of Glutathione-S-Transferase (GST).				
Alternative Names	Glutathione S Transferase, Glutathione S-transferase class-mu 26 kDa isozyme,				
	Sj26 antigen,SjGST.				
Uniprot ID	P08515				
Product performance					
Form	Liquid				
Buffer	Supplied as solution form in PBS, pH7.4, containing 0.02% NaN3, 50% glycerol.				
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 4 $^\circ\mathrm{C}$				
	for frequent use. Store at -20 to -80 °C for twelve months from the date of receipt.				
Concentration	0.5mg/ml				
Isotype	lgG1				
MW	/				
Purity	Protein G purification				
Dilution range					
WB: 1:2000-1:8000,ELISA:1:5000					

Product experiment picture



ATAGENIX LABORATORIES

Catalog Number:ATMA00010Mo Anti GST tag mouse monoclonal antibody

	1	2	3	4	
140kDa 100kDa					Primary: Anti-GST tag anti
75kDa					(4F7) at 1/4000 dilution
60kDa					(117) at 171000 unation
45kDa					Lysate:GST protein,26kDa
35kDa					Lane 1: 0.5ug
				Lane 2: 0 25ug	
	-	_	_		Lune 21 0.125 ug
25kDa	-	_	-	-	Lane 3. 0.125ug
				Lane 4: 0.0625ug	
- 8					
15kDa					

antibody n

Product background

Protein tags are protein or peptide sequences located either on the C- or N- terminal of the target protein, which facilitates one or several of the following characteristics: solubility, detection, purification, localization and expression. GST (Glutathione S-Transferase) is a widely used protein tag encoded by the Schistosoma japonicum. GST provides both an easily detectable tag and a simple purification process with little effect on the biological function of the protein of interest. Antibodies to GST are useful for checking protein expression both in plaques and on Western blots as well as for immunoaffinity purification of proteins expressed in cells. This antibody recognizes the GST-tag fused to either the N- or C-terminus of targeted proteins.