10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

GSS Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant GSS.
Catalog # AT2274a

Product Information

Application	WB
Primary Accession	P48637
Other Accession	-
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	5G4-2E9
Calculated MW	52385

Additional Information

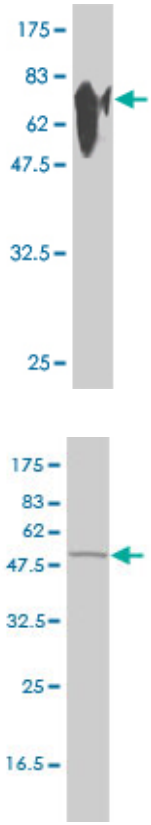
Gene ID	2937
Other Names	Glutathione synthetase, GSH synthetase, GSH-S, Glutathione synthase, GSS
Target/Specificity	GSS recombinant protein.
Dilution	WB~~1:500~1000
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	GSS Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

Glutathione is important for a variety of biological functions, including protection of cells from oxidative damage by free radicals, detoxification of xenobiotics, and membrane transport. The protein encoded by this gene functions as a homodimer to catalyze the second step of glutathione biosynthesis, which is the ATP-dependent conversion of gamma-L-glutamyl-L-cysteine to glutathione. Defects in this gene are a cause of glutathione synthetase deficiency. [provided by RefSeq]

Images

Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (80 KDa) .



GSS monoclonal antibody (M01), clone 5G4-2E9. Western Blot analysis of GSS expression in human colon.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.