

GSS Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a full length recombinant GSS.****Catalog # AT2274a****Specification**

GSS Antibody (monoclonal) (M01) - Product Information

Application	WB
Primary Accession	P48637
Other Accession	-
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	52385

GSS Antibody (monoclonal) (M01) - 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.

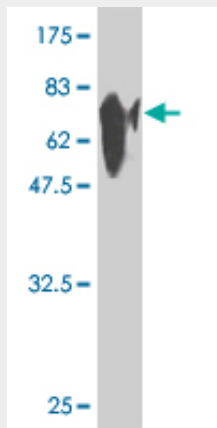
GSS Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

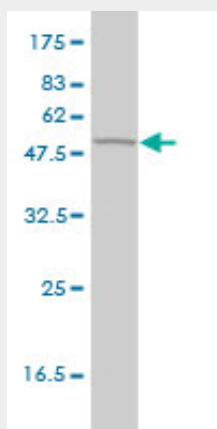
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)

- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

GSS Antibody (monoclonal) (M01) - 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.

GSS Antibody (monoclonal) (M01) - 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]