10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

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

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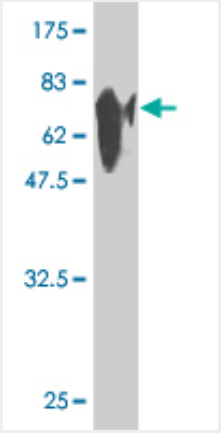
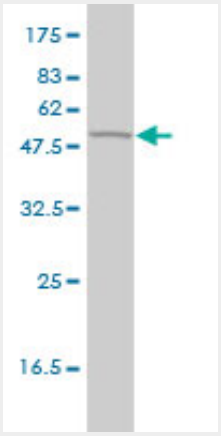
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

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]