

GSS Antibody (monoclonal) (M01)

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

Specification

GSS Antibody (monoclonal) (M01) - Product Information

Application Primary Accession Other Accession Reactivity Host Clonality Isotype Calculated MW

<u>P48637</u> <u>-</u> Human mouse Monoclonal IgG2a Kappa 52385

WB

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.

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence



Immunoprecipitation

- Flow Cytomety
- <u>Cell Culture</u>

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]