

## GSS Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant GSS.

Catalog # AT2274a

### Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">P48637</a>
<b>Other Accession</b>	-
<b>Reactivity</b>	Human
<b>Host</b>	mouse
<b>Clonality</b>	monoclonal
<b>Isotype</b>	IgG2a Kappa
<b>Clone Names</b>	5G4-2E9
<b>Calculated MW</b>	52385

### Additional Information

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

### Background

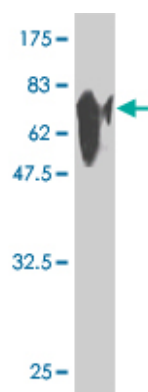
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Glutathione is important for a variety of biological functions, including protection of cells from oxidative damage by free radicals, detoxification of xenobiotics, and membrane transport. The protein encoded by this gene functions as a homodimer to 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]

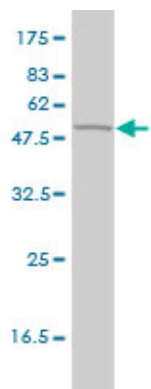
### Images

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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'.