

Glutathione Synthetase Rabbit mAb

Catalog No: #52763

Package Size: #52763-1 50ul #52763-2 100ul

Orders: order@signalwayantibody.com

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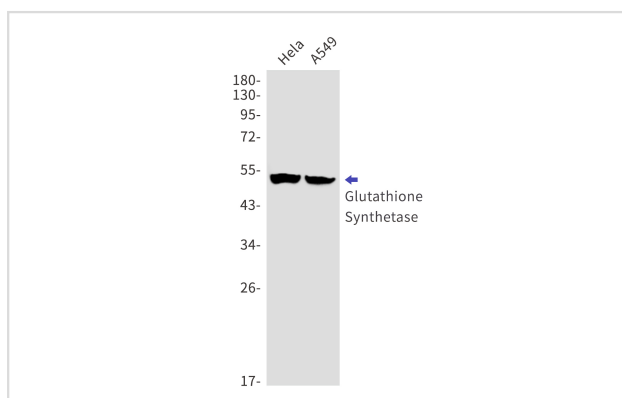
Description

Product Name	Glutathione Synthetase Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S07-2B0
Isotype	IgG
Purification	Affinity Purified
Applications	WB IHC
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human Glutathione Synthetase
Conjugates	Unconjugated
Modification	Unmodification
Other Names	GSHS; HEL-S-64p; HEL-S-88n
Accession No.	Swiss-Prot:P48637GenelD:2937
Uniprot	P48637
GenelD	2937
Calculated MW	Calculated MW:52 kDa,Observed MW:52 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

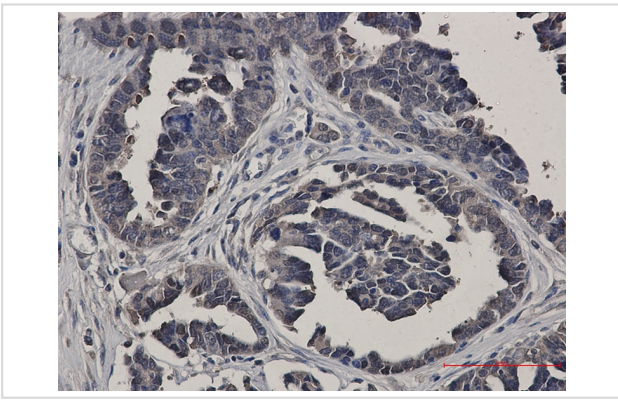
Application Details

WB: 1/2000-1/10000 IHC: 1/20

Images



Western blot detection of Glutathione Synthetase in HeLa,A549 cell lysates using Glutathione Synthetase Rabbit mAb(1:1000 diluted).Predicted band size:52kDa.Observed band size:52kDa.



Immunohistochemistry of Glutathione Synthetase in paraffin-embedded Human Cholangiocarcinoma using Glutathione Synthetase Rabbit mAb at dilution 1/50

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, Jul 2008]

Note: This product is for in vitro research use only