

Anti-GSR monoclonal antibody, clone FQS8348 (DCABH-2099)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit monoclonal to Glutathione Reductase
Antigen Description	Maintains high levels of reduced glutathione in the cytosol.
Immunogen	A synthetic peptide corresponding to residues in Human Glutathione Reductase (P00390)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	FQS8348
Purity	Tissue culture supernatant
Conjugate	Unconjugated
Applications	WB, IP, Flow Cyt, ICC/IF
Positive Control	Caco-2, A549 or HeLa lysate, Caco-2 cells.
Format	Liquid
Size	100 µl
Buffer	pH: 7.20; Preservative: 0.01% Sodium azide; Constituents: 49% PBS, 50% Glycerol, 0.05% BSA
Storage	Store at -20°C. Stable for 12 months at -20°C

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GENE INFORMATION

Gene Name	GSR glutathione reductase [Homo sapiens]
Official Symbol	GSR
Synonyms	GSR; glutathione reductase; glutathione reductase, mitochondrial; GR; GRase; MGC78522;
Entrez Gene ID	2936
Protein Refseq	NP_000628
UniProt ID	P00390
Chromosome Location	8p21.1
Pathway	Glutathione metabolism, organism-specific biosystem; Glutathione metabolism, organism-specific biosystem; Glutathione metabolism, conserved biosystem; Metabolism, organism-specific biosystem; Metabolism of nucleotides, organism-specific biosystem; Oxidative Stress, organism-specific biosystem; Selenium Pathway, organism-specific biosystem;
Function	NADP binding; electron carrier activity; flavin adenine dinucleotide binding; glutathione binding; glutathione-disulfide reductase activity; oxidoreductase activity; protein homodimerization activity;

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