



Anti-GLS monoclonal antibody, clone FQ8323 (DCABH-4782)

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

PRODUCT INFORMATION

Product Overview	Rabbit monoclonal to Glutaminase
Antigen Description	Catalyzes the first reaction in the primary pathway for the renal catabolism of glutamine.
Immunogen	Synthetic peptide (the amino acid sequence is considered to be commercially sensitive) corresponding to Human Glutaminase aa 50-150.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Rat, Human
Clone	FQ8323
Conjugate	Unconjugated
Applications	WB, IHC-P, ICC/IF
Positive Control	Human fetal brain extract, Human fetal kidney extract, HeLa cell lysate, 293T cell lysate, paraffin-embedded Human kidney tissue, paraffin-embedded Human pancreas tissue
Format	Liquid
Size	100 µl
Buffer	Preservative: 0.01% Sodium azide; Constituents: 50% Glycerol, 0.05% BSA
Storage	store at -20°C. Avoid repeated freeze / thaw cycles.
Ship	Shipped at 4°C.

GENE INFORMATION

Gene Name	GLS glutaminase [Homo sapiens]
Official Symbol	GLS
Synonyms	GLS; glutaminase; glutaminase kidney isoform, mitochondrial; GLS1; KIAA0838; K-glutaminase; glutaminase C; L-glutamine amidohydrolase; glutaminase, phosphate-activated; GAC; GAM; KGA; AAD20; FLJ10358; FLJ41499; DKFZp686D14231; DKFZp686O15119;
Entrez Gene ID	2744
Protein Refseq	NP_001243239
UniProt ID	O94925
Chromosome Location	2q32-q34
Pathway	Alanine, aspartate and glutamate metabolism, organism-specific biosystem; Alanine, aspartate and glutamate metabolism, conserved biosystem; Amino acid synthesis and interconversion (transamination), organism-specific biosystem; Arginine and proline metabolism, organism-specific biosystem; Arginine and proline metabolism, conserved biosystem; D-Glutamine and D-glutamate metabolism, organism-specific biosystem; D-Glutamine and D-glutamate metabolism, conserved biosystem;
Function	glutaminase activity; hydrolase activity;