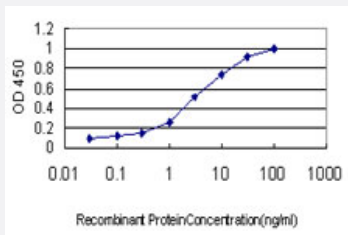


DPYS monoclonal antibody (M01), clone 3B1

Catalog # H00001807-M01

Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged DPYS is approximately 0.1ng/ml as a capture antibody.

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant DPYS.
Immunogen	DPYS (NP_001376, 422 a.a. ~ 519 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	AVNFNIFEGMVCHGVPLVTISRKVVYEAGVFSVTAGDGKFI PRKPFAEYIYKRIKQRDRTCTPTPV ERAPYKGEVATLKSRVTKEDATAGTRKQAHP
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (87)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged DPYS is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — DPYS

Entrez GeneID	1807
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GeneBank Accession#	NM_001385
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Protein Accession#	NP_001376
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Gene Name	DPYS
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Gene Alias	DHP, DHPase
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Gene Description	dihydropyrimidinase
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Omim ID	222748
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Gene Ontology	Hyperlink
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Gene Summary	Dihydropyrimidinase catalyzes the conversion of 5,6-dihydrouracil to 3-ureidopropionate in pyrimidine metabolism. Dihydropyrimidinase is expressed at a high level in liver and kidney as a major 2.5-kb transcript and a minor 3.8-kb transcript. Defects in the DPYS gene are linked to dihydropyrimidinuria. [provided by RefSeq]
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Other Designations	dihydropyrimidine amidohydrolase hydantoinase
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Pathway

- [beta-Alanine metabolism](#)
- [Drug metabolism - other enzymes](#)
- [Metabolic pathways](#)
- [Pantothenate and CoA biosynthesis](#)

- [Pyrimidine metabolism](#)

Disease

- [Colorectal Neoplasms](#)
- [Drug Toxicity](#)
- [Liver Diseases](#)
- [Neoplasms](#)