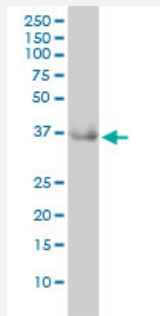


GRHPR monoclonal antibody (M01), clone 4E6-1F2

Catalog # H00009380-M01

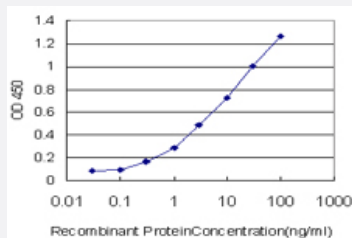
Size 100 ug

Applications



Western Blot (Cell lysate)

GRHPR monoclonal antibody (M01), clone 4E6-1F2 Western Blot analysis of GRHPR expression in MCF-7 (Cat # L046V1).



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GRHPR is approximately 0.03ng/ml as a capture antibody.

Specification

Product Description

Mouse monoclonal antibody raised against a full length recombinant GRHPR.

Immunogen

GRHPR (AAH00605, 1 a.a. ~ 328 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

MRPVRLMKVFVTRIPAEGRVALARAADCEVEQWDSDEIPAKELERGVAGAHGLLCLLSDHVD
KRILDAAGANLKVISTMSVGIDHLALDEIKKRGRVGYTPDVLTDTTAELAVSLLLTTCRRLPEAIEEV
KNGGWTSWKPLWLCGYLTQSTVGIIGLGRIGQAIARRLKPFQVQRFLYGRQPRPEEAAEFQAE
FVSTPELAAQSDFMVACSLTPATEGLCNKDDFFQKMKETAVFINISRGDVVNQDDLYQALASGKIA
AAGLDVTSPEPLPTNHPLLTLKNCVILPHIGSATHRTRNTMSLLAANNLLAGLRGEPMPSELKL

Host

Mouse

Reactivity	Human
Interspecies Antigen Sequence	Mouse (85); Rat (85)
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

- Western Blot (Cell lysate)

GRHPR monoclonal antibody (M01), clone 4E6-1F2 Western Blot analysis of GRHPR expression in MCF-7 (Cat # L046V1).

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GRHPR is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — GRHPR

Entrez GeneID	9380
GeneBank Accession#	BC000605
Protein Accession#	AAH00605
Gene Name	GRHPR
Gene Alias	GLXR, GLYD, PH2
Gene Description	glyoxylate reductase/hydroxypyruvate reductase
Omim ID	260000 604296
Gene Ontology	Hyperlink

Gene Summary

This gene encodes an enzyme with hydroxypyruvate reductase, glyoxylate reductase, and D-glycerate dehydrogenase enzymatic activities. The enzyme has widespread tissue expression and has a role in metabolism. Type II hyperoxaluria is caused by mutations in this gene. [provided by RefSeq]

Other Designations

OTTHUMP00000046131|glycerate-2-dehydrogenase

Pathway

- [Glyoxylate and dicarboxylate metabolism](#)
- [Metabolic pathways](#)
- [Pyruvate metabolism](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Hyperoxaluria](#)