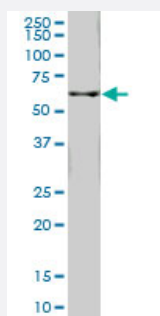


FTCD monoclonal antibody (M02), clone 5F6

Catalog # H00010841-M02

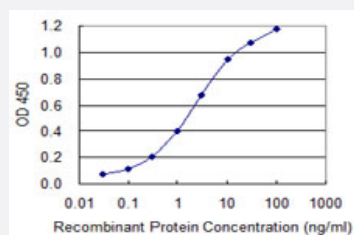
Size 100 ug

Applications



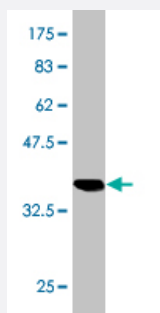
Western Blot (Cell lysate)

FTCD monoclonal antibody (M02), clone 5F6. Western Blot analysis of FTCD expression in HepG2 (Cat # L019V1).



Sandwich ELISA (Recombinant protein)

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



Western Blot detection against Immunogen (36.96 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant FTCD.

Immunogen	FTCD (NP_996848, 440 a.a. ~ 541 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	LQEGLRRRAVSVPPLTLAETVASLWLPALQELARCGNLACRSDLQVAAKALEMGVFGAYFNVLINLRDITDEAFKDKIHHRVSSLLQEAKTQAALVLDCLETRQE
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (79); Rat (78)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.96 KDa) .
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)

FTCD monoclonal antibody (M02), clone 5F6. Western Blot analysis of FTCD expression in HepG2 (Cat # L019V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

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

[Protocol Download](#)

- ELISA

Gene Info — FTCD

Entrez GeneID [10841](#)

GeneBank Accession#	NM_206965
Protein Accession#	NP_996848
Gene Name	FTCD
Gene Alias	LCHC1
Gene Description	formiminotransferase cyclodeaminase
Omim ID	229100 606806
Gene Ontology	Hyperlink
Gene Summary	FTCD is a bifunctional enzyme that channels 1-carbon units from formiminoglutamate, a metabolite of the histidine degradation pathway, to the folate pool.[supplied by OMIM]
Other Designations	OTTHUMP00000115563 formimidoyltransferase cyclodeaminase

Pathway

- [Histidine metabolism](#)
- [Metabolic pathways](#)
- [One carbon pool by folate](#)

Disease

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Cerebral Amyloid Angiopathy](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Neuroblastoma](#)

- [Spinal Dysraphism](#)