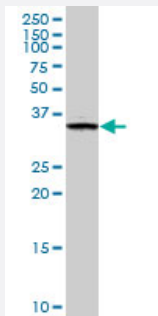


FN3K monoclonal antibody (M01), clone 4F2

Catalog # H00064122-M01

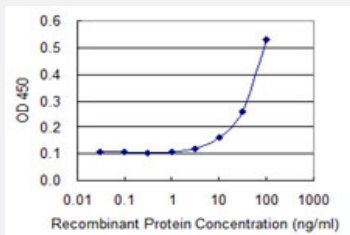
Size 100 ug

Applications



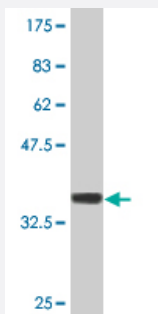
Western Blot (Cell lysate)

FN3K monoclonal antibody (M01), clone 4F2. Western Blot analysis of FN3K expression in HepG2 (Cat # L019V1).



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged FN3K is 3 ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.84 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant FN3K.

Immunogen	FN3K (NP_071441.1, 61 a.a. ~ 170 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	ALRSTGLVRVPRPMKVIDLPGGGAAFVMEHLKMKSLSSQASKLG EQMADLHLYNQKLREKLKEE ENTVGRRGEGAEPQYVDKFGFHTVTCCGFIPQVNEWQDDWPTFFAR
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (88)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 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)

FN3K monoclonal antibody (M01), clone 4F2. Western Blot analysis of FN3K expression in HepG2 (Cat # L019V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged FN3K is 3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — FN3K

Entrez GeneID [64122](#)

GeneBank Accession#	NM_022158
Protein Accession#	NP_071441.1
Gene Name	FN3K
Gene Alias	-
Gene Description	fructosamine 3 kinase
Omim ID	608425
Gene Ontology	Hyperlink
Gene Summary	FN3K catalyzes phosphorylation of fructosamines formed by glycation, the nonenzymatic reaction of glucose with primary amines followed by Amadori rearrangement. Phosphorylation of fructosamines may initiate metabolism of the modified amine and result in deglycation of glycated proteins (Delpierre et al., 2000 [PubMed 11016445]).[supplied by OMIM]
Other Designations	fructosamine-3-kinase

Disease

- [Diabetes Mellitus](#)
- [Diabetic Angiopathies](#)