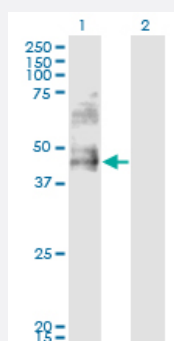


DDO monoclonal antibody (M09), clone 3F7

Catalog # H00008528-M09

Size 100 ug

Applications

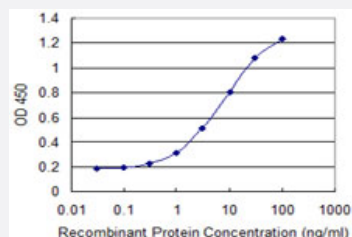


Western Blot (Transfected lysate)

Western Blot analysis of DDO expression in transfected 293T cell line by DDO monoclonal antibody (M09), clone 3F7.

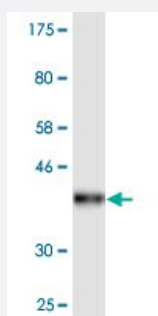
Lane 1: DDO transfected lysate (Predicted MW: 41 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

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



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant DDO.

Immunogen	DDO (NP_003640, 270 a.a. ~ 369 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	WNLSPDAENSREILSRCCALEPSLHGACNIREKVGLRPYRPGVRLQTELLARDGQRLPVVHHYGH GSGGISVHWGTALEAARLVSECVHALRTPIPKSNL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (75); Rat (80)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 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 (Transfected lysate)

Western Blot analysis of DDO expression in transfected 293T cell line by DDO monoclonal antibody (M09), clone 3F7.

Lane 1: DDO transfected lysate (Predicted MW: 41 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

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

[Protocol Download](#)

- ELISA

Gene Info — DDO

Entrez GeneID	8528
GeneBank Accession#	NM_003649
Protein Accession#	NP_003640
Gene Name	DDO
Gene Alias	DASOX, DDO-1, DDO-2, FLJ45203
Gene Description	D-aspartate oxidase
Omim ID	124450
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a peroxisomal flavoprotein that catalyzes the oxidative deamination of D-aspartate and N-methyl D-aspartate. Flavin adenine dinucleotide or 6-hydroxyflavin adenine dinucleotide can serve as the cofactor in this reaction. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	OTTHUMP00000017000 OTTHUMP00000017001 OTTHUMP00000017002 aspartic oxidase

Pathway

- [Alanine](#)