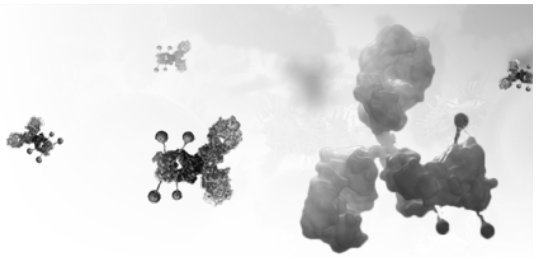

Mouse anti-Human DDO monoclonal antibody, clone 4G8 (CABT-B10075)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	DDO (NP_003640, 270 a.a. ~ 370 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	4G8
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	WNLSPDAENSREILSRCCALEPSLHGACNIREKVGLRPYRPGVRLQTELLARDGQRLPVV HHYGHGSGGISVHWGTALEAARLVSECVHALRTPIPKSNL*
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	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-

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	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, Jul 2008]
Keywords	DDO; D-aspartate oxidase; DASOX; DDO-1; DDO-2; aspartic oxidase; D-aspartate oxidase, DDO;

GENE INFORMATION

Entrez Gene ID	8528
UniProt ID	Q99489
Pathway	Alanine, aspartate and glutamate metabolism, organism-specific biosystem; Alanine, aspartate and glutamate metabolism, conserved biosystem; Peroxisome, organism-specific biosystem; Peroxisome, conserved biosystem
Function	D-amino-acid oxidase activity; D-aspartate oxidase activity; binding; oxidoreductase activity

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