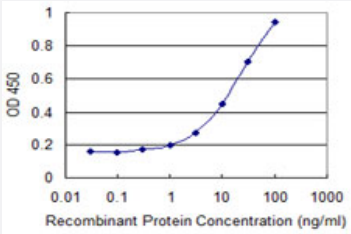
DAD1 monoclonal antibody (M03), clone 2B4-C8

Catalog # H00001603-M03 Size 50 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged DAD1 is 0.3 ng/ml as a capture antibody.

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant DAD1.
Immunogen	DAD1 (AAH07403, 1 a.a. ~ 113 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MSASVVSVISRFLEEYLSSTPQRLKLLDAYLLYILLTGALQFGYCLLVGTFPFNSFLSGFISCVGSFIL AVCLRIQINPQNKADFQGISPERAFADFLFASTILHLVVMNFVG
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (100); Rat (100)
Isotype	IgG2b 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

- Sandwich ELISA (Recombinant protein)

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  Protocol Download

- ELISA

Gene Info — DAD1

Entrez GeneID	1603
GeneBank Accession#	BC007403
Protein Accession#	AAH07403
Gene Name	DAD1
Gene Alias	OST2
Gene Description	defender against cell death 1
Omim ID	600243
Gene Ontology	Hyperlink
Gene Summary	DAD1, the defender against apoptotic cell death, was initially identified as a negative regulator of programmed cell death in the temperature sensitive tsBN7 cell line. The DAD1 protein disappeared in temperature-sensitive cells following a shift to the nonpermissive temperature, suggesting that loss of the DAD1 protein triggered apoptosis. DAD1 is believed to be a tightly associated subunit of oligosaccharyltransferase both in the intact membrane and in the purified enzyme, thus reflecting the essential nature of N-linked glycosylation in eukaryotes. [provided by RefSeq
Other Designations	-

Pathway

- Metabolic pathways
- N-Glycan biosynthesis

Disease

- Adenocarcinoma
- Esophageal Neoplasms
- Genetic Predisposition to Disease
- Narcolepsy
- Tobacco Use Disorder