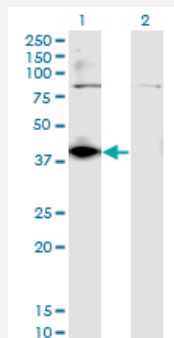


DHDH monoclonal antibody (M03), clone 3A11

Catalog # H00027294-M03

Size 100 ug

Applications

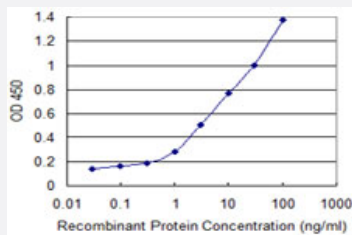


Western Blot (Transfected lysate)

Western Blot analysis of DHDH expression in transfected 293T cell line by DHDH monoclonal antibody (M03), clone 3A11.

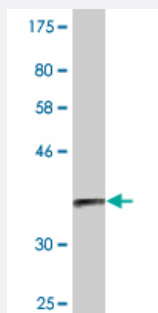
Lane 1: DHDH transfected lysate (Predicted MW: 36.4 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged DHDH 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 DHDH.

Immunogen	DHDH (NP_055290, 235 a.a. ~ 334 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	SNTASVSGTKGMAQLLNPCWCPTLVVKGEHKEFPLPPVPKDCNFDNGAGMSYEAKHVWECL RKGMKESPVIPLSESELLADILEEVRKAIGVTFPQDKR
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (78); Rat (77)
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 DHDH expression in transfected 293T cell line by DHDH monoclonal antibody (M03), clone 3A11.

Lane 1: DHDH transfected lysate (Predicted MW: 36.4 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

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

[Protocol Download](#)

- ELISA

Gene Info — DHDH

Entrez GeneID	27294
GeneBank Accession#	NM_014475
Protein Accession#	NP_055290
Gene Name	DHDH
Gene Alias	HUM2DD
Gene Description	dihydrodiol dehydrogenase (dimeric)
Omim ID	606377
Gene Ontology	Hyperlink
Gene Summary	This gene encodes an enzyme that belongs to the family of dihydrodiol dehydrogenases, which exist in multiple forms in mammalian tissues and are involved in the metabolism of xenobiotics and sugars. These enzymes catalyze the NADP1-linked oxidation of transdihydrodiols of aromatic hydrocarbons to corresponding catechols. This enzyme is a dimeric dihydrodiol dehydrogenase, and it differs from monomeric dihydrodiol dehydrogenases in its high substrate specificity for trans-dihydrodiols of aromatic hydrocarbons in the oxidative direction. [provided by RefSeq]
Other Designations	3-deoxyglucosone reductase dimeric dihydrodiol dehydrogenase

Pathway

- [Metabolism of xenobiotics by cytochrome P450](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Lung Neoplasms](#)
- [Occupational Diseases](#)
- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)