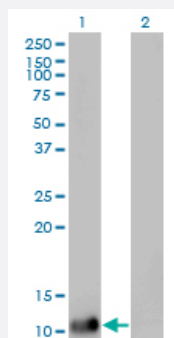


DDT monoclonal antibody (M01), clone 1G1

Catalog # H00001652-M01

Size 100 ug

Applications

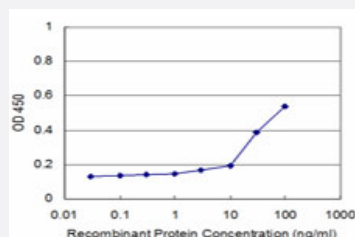


Western Blot (Transfected lysate)

Western Blot analysis of DDT expression in transfected 293T cell line by DDT monoclonal antibody (M01), clone 1G1.

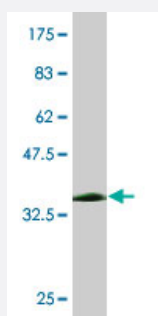
Lane 1: DDT transfected lysate(12.7 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

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



Western Blot detection against Immunogen (38.72 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full length recombinant DDT.

Immunogen	DDT (AAH05971, 1 a.a. ~ 118 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MPFLELDTNLPANRVPAGLEKRLCAAAAASILGKPADRVNVTVRPGLAMALSGSTEPCAQLSISSIGVVGTAEDNRSHSAHFFFLTKELALGQDRILIRFFPLESWQIGKIGTVMTFL
Host	Mouse
Reactivity	Human
Isotype	IgG2b kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (38.72 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 DDT expression in transfected 293T cell line by DDT monoclonal antibody (M01), clone 1G1.

Lane 1: DDT transfected lysate(12.7 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

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

[Protocol Download](#)

- ELISA

Gene Info — DDT

Entrez GeneID [1652](#)

GeneBank Accession# [BC005971](#)

Protein Accession#	AAH05971
Gene Name	DDT
Gene Alias	DDCT
Gene Description	D-dopachrome tautomerase
Omim ID	602750
Gene Ontology	Hyperlink
Gene Summary	D-dopachrome tautomerase converts D-dopachrome into 5,6-dihydroxyindole. The DDT gene is related to the migration inhibitory factor (MIF) in terms of sequence, enzyme activity, and gene structure. DDT and MIF are closely linked on chromosome 22. [provided by RefSeq]
Other Designations	D-dopachrome decarboxylase

Publication Reference

- [D-dopachrome tautomerase is a candidate for key proteins to protect the rat liver damaged by carbon tetrachloride.](#)

Hiyoshi M, Konishi H, Uemura H, Matsuzaki H, Tsukamoto H, Sugimoto R, Takeda H, Dakeshita S, Kitayama A, Takami H, Sawachika F, Kido H, Arisawa K.

Toxicology 2008 Sep; 255(1-2):6.

Application: WB, Rat, Rat liver

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)