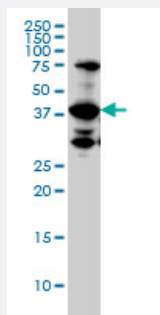


UROD monoclonal antibody (M01A), clone 1G4

Catalog # H00007389-M01A

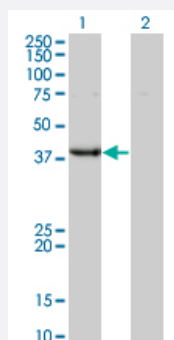
Size 200 uL

Applications



Western Blot (Cell lysate)

UROD monoclonal antibody (M01A), clone 1G4. Western Blot analysis of UROD expression in MCF-7.

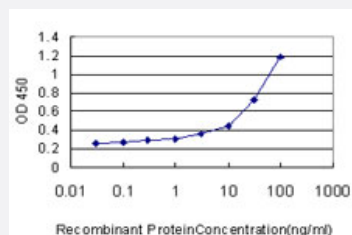


Western Blot (Transfected lysate)

Western Blot analysis of UROD expression in transfected 293T cell line by UROD monoclonal antibody (M01A), clone 1G4.

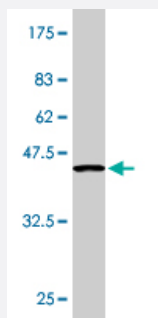
Lane 1: UROD transfected lysate(40.787 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged UROD is approximately 1ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant UROD.
Immunogen	UROD (NP_000365, 268 a.a. ~ 367 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	ALEELAQAGYEVVGLDWTVPKKARECVGKTVTLQGNLDPCALYASEEEIGQLVKQMLDDFGPH RYIANLGHGLYPDMDPEHVGA FVDAVHKHSRLLRQN
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .
Storage Buffer	In ascites fluid
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

UROD monoclonal antibody (M01A), clone 1G4. Western Blot analysis of UROD expression in MCF-7.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of UROD expression in transfected 293T cell line by UROD monoclonal antibody (M01A), clone 1G4.

Lane 1: UROD transfected lysate(40.787 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged UROD is approximately 1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — UROD

Entrez GeneID [7389](#)

GeneBank Accession# [NM_000374](#)

Protein Accession# [NP_000365](#)

Gene Name UROD

Gene Alias PCT

Gene Description uroporphyrinogen decarboxylase

Omim ID [176100](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes the fifth enzyme of the heme biosynthetic pathway. This enzyme is responsible for catalyzing the conversion of uroporphyrinogen to coproporphyrinogen through the removal of four carboxymethyl side chains. Mutations and deficiency in this enzyme are known to cause familial porphyria cutanea tarda and hepatoerythropoetic porphyria. [provided by RefSeq]

Other Designations OTTHUMP00000010502|fifth enzyme of heme biosynthetic pathway|fifth enzyme of the heme biosynthetic pathway|uroporphyrinogen III decarboxylase

Pathway

- [Porphyrin and chlorophyll metabolism](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Porphyria](#)
- [Porphyria Cutanea Tarda](#)