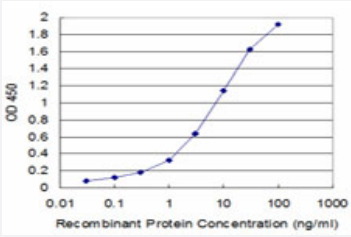
UROD monoclonal antibody (M08), clone 2F5

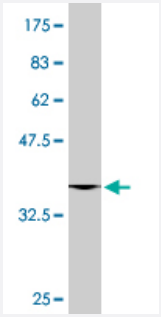
Catalog # H00007389-M08 Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged UROD is approximately 0.1ng/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	ALEELAQAGYEVVGLDWTVAPKKARECVGKTVTLQGNLDPCALYASEEEIGQLVKQMLDDFGPH RYIANLGHGLYPDMDPEHVGAFVDAVHKHSRLLRQN
Host	Mouse
Reactivity	Human
Isotype	IgG1 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 (Recombinant protein)

  Protocol Download

- Sandwich ELISA (Recombinant protein)

  Detection limit for recombinant GST tagged UROD is approximately 0.1ng/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 fo ur 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 bios ynthetic pathway|uroporphyrinogen III decarboxylase

Pathway

- Porphyrin and chlorophyll metabolism

Disease

- Genetic Predisposition to Disease
- Porphyria
- Porphyria Cutanea Tarda