

UGT1A10 monoclonal antibody (M02), clone 2D3

Catalog # : H00054575-M02

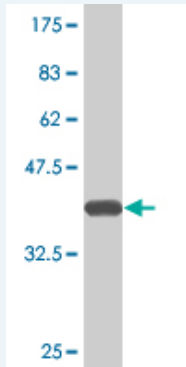
規格 : [100 ug]

[List All](#)

Specification

| | |
|-----------------------------|--|
| Product Description: | Mouse monoclonal antibody raised against a partial recombinant UGT1A10. |
| Immunogen: | UGT1A10 (NP_061948, 187 a.a. ~ 289 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
| Sequence: | LSYVPNDLLGFSDAMTFKERVWNHIVHLEDHLFCQYLFRNALEIASEILQTPVTAYDLYSHTSIWLLRRTDFVLDYKPKVMPNMIFIGGINCHQGKPLPMEFE A |
| Host: | Mouse |
| Reactivity: | Human |
| Isotype: | IgG2a Kappa |

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (37.07 KDa) .

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

Datasheet: [Download](#)

Applications

Western Blot (Recombinant protein)

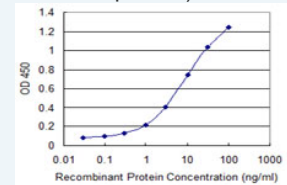
[Protocol Download](#)

Sandwich ELISA (Recombinant protein)

Application Image

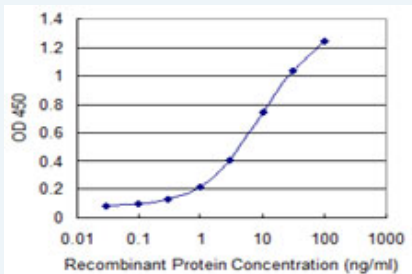
Western Blot (Recombinant protein)

Sandwich ELISA (Recombinant protein)




[enlarge](#)

ELISA



Detection limit for recombinant GST tagged UGT1A10 is 0.1 ng/ml as a capture antibody.

 [Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [54575](#)

GeneBank [NM_019075](#)

Accession#:

Protein [NP_061948](#)

Accession#:

Gene Name: UGT1A10

Gene Alias: UDPGT,UGT1J

Gene Description: UDP glucuronosyltransferase 1 family, polypeptide A10

Description:

Omim ID: [606435](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes a UDP-glucuronosyltransferase, an enzyme of the glucuronidation pathway that transforms small lipophilic molecules, such as steroids, bilirubin, hormones, and drugs, into water-soluble, excretable metabolites. This gene is part of a complex locus that encodes several UDP-glucuronosyltransferases. The locus includes thirteen unique alternate first exons followed by four common exons. Four of the alternate first exons are considered pseudogenes. Each of the remaining nine 5' exons may be spliced to the four common exons, resulting in nine proteins with different N-termini and identical C-termini. Each first exon encodes the substrate binding site, and is regulated by its own promoter. The enzyme encoded by this gene has glucuronidase activity on mycophenolic acid, coumarins, and quinolines. [provided by RefSeq]

Other Designations: OTTHUMP00000065196,UDP glycosyltransferase 1 family, polypeptide A10,UDP-glucuronosyltransferase 1A10

Gene Pathway

[Androgen and estrogen metabolism](#) [Ascorbate and aldarate metabolism](#)
[Drug metabolism - cytochrome P450](#) [Drug metabolism - other enzymes](#) [Metabolic pathways](#)
[Metabolism of xenobiotics by cytochrome P450](#) [Pentose and glucuronate interconversions](#)
[Porphyrin and chlorophyll metabolism](#) [Retinol metabolism](#) [Starch and sucrose metabolism](#)

Related Disease

[Adenomatous Polyposis Coli](#) [Breast cancer](#) [Carcinoma, Hepatocellular](#)
[Carcinoma, Squamous Cell](#) [Cardiovascular Diseases](#) [Colon cancer](#)
[Diabetes Mellitus, Type 2](#) [Duodenal Neoplasms](#) [Edema](#) [Genetic Predisposition to Disease](#)
[Hearing Loss](#) [Kidney Failure, Chronic](#) [Laryngeal Neoplasms](#) [Liver Neoplasms](#)
[Mouth Neoplasms](#) [Neoplasms](#) [Tobacco Use Disorder](#)

[服務條款](#) | [隱私權政策](#) | [著作及商標](#) | [網站地圖](#)

©2020 亞諾法生技股份有限公司 Abnova Corporation. 版權所有.