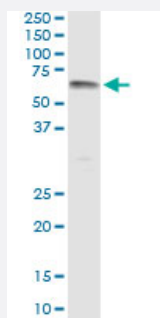


UGT1A9 monoclonal antibody (M04), clone 1A2

Catalog # H00054600-M04

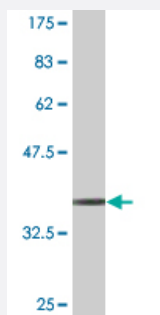
Size 100 ug

Applications



Immunoprecipitation

Immunoprecipitation of UGT1A9 transfected lysate using anti-UGT1A9 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with UGT1A9 MaxPab rabbit polyclonal antibody.



Western Blot detection against Immunogen (37.84 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant UGT1A9.
Immunogen	UGT1A9 (NP_066307, 27 a.a. ~ 136 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	KLLVVPMDGSHWFTMRSVVEKLILRGHEVVVVMPEVSWQLGRSLNCTVKTYSTSYTLEDLDREF KAFHAHQWKAQVRSIYLLMGSYNDIFDLFFSNCRSLFKDKKLVEY
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (78); Rat (79)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 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](#)

- Immunoprecipitation

Immunoprecipitation of UGT1A9 transfected lysate using anti-UGT1A9 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with UGT1A9 MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- ELISA

Gene Info — UGT1A9

Entrez GeneID	54600
GeneBank Accession#	NM_021027
Protein Accession#	NP_066307
Gene Name	UGT1A9
Gene Alias	HLUGP4, LUGP4, UDPGT, UGT1AI
Gene Description	UDP glucuronosyltransferase 1 family, polypeptide A9
Omim ID	606434
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 is active on phenols. [provided by RefSeq]

Other Designations

UDP glycosyltransferase 1 family, polypeptide A9|UDP-glucuronosyltransferase 1A9

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](#)

Disease

- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Colorectal Neoplasms](#)

- [Diabetes Mellitus](#)
- [Diarrhea](#)
- [Drug Toxicity](#)
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- [Mucocutaneous Lymph Node Syndrome](#)
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- [Neoplasms](#)
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- [Pancreatic Neoplasms](#)
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- [Prostatic Neoplasms](#)
- [Tobacco Use Disorder](#)