

UGT2B10 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant UGT2B10.****Catalog # AT4460a****Specification**

UGT2B10 Antibody (monoclonal) (M01) - Product Information

Application	WB, E
Primary Accession	P36537
Other Accession	NM_001075
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 Kappa
Calculated MW	60774

UGT2B10 Antibody (monoclonal) (M01) - Additional Information**Gene ID** 7365**Other Names**

UDP-glucuronosyltransferase 2B10, UDPGT 2B10, UGT2B10

Target/Specificity

UGT2B10 (NP_001066, 62 a.a. ~ 159 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

E~~N/A

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

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

Precautions

UGT2B10 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

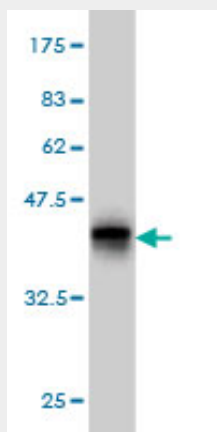
UGT2B10 Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

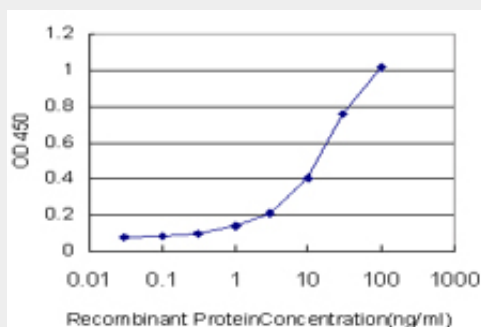
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

UGT2B10 Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.52 kDa) .



Detection limit for recombinant GST tagged UGT2B10 is approximately 0.3 ng/ml as a capture antibody.

UGT2B10 Antibody (monoclonal) (M01) - References

UGT2B10 genotype influences nicotine glucuronidation, oxidation, and consumption. Berg JZ, et al. *Cancer Epidemiol Biomarkers Prev*, 2010 Jun. PMID 20501767. Identification of a prevalent functional missense polymorphism in the UGT2B10 gene and its association with UGT2B10 inactivation against tobacco-specific nitrosamines. Chen G, et al. *Pharmacogenet Genomics*, 2008 Mar. PMID 18300939. Glucuronidation of nicotine and cotinine by UGT2B10: loss of function by the UGT2B10 Codon 67 (Asp>Tyr) polymorphism. Chen G, et al. *Cancer Res*, 2007 Oct 1. PMID 17909004. Nicotine glucuronidation and the human UDP-glucuronosyltransferase UGT2B10. Kaivosaari S, et al. *Mol Pharmacol*, 2007 Sep. PMID 17576790. Human plasma N-glycoproteome analysis by immunoaffinity subtraction, hydrazide chemistry, and mass spectrometry. Liu T, et al. *J Proteome Res*, 2005 Nov-Dec. PMID 16335952.