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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

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

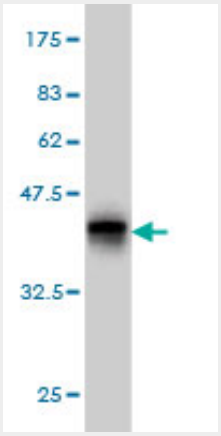
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry

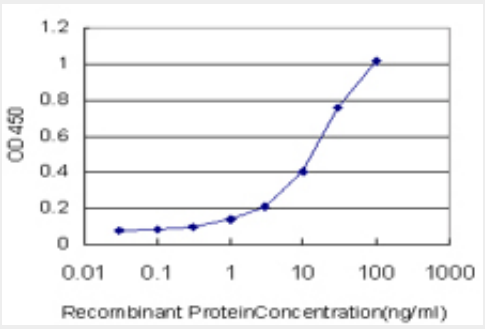
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- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

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 0.3ng/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.