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UGT2B10 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant UGT2B10.
Catalog # AT4460a

Product Information

Application	WB, E
Primary Accession	P36537
Other Accession	NM_001075
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	2D9
Calculated MW	60774

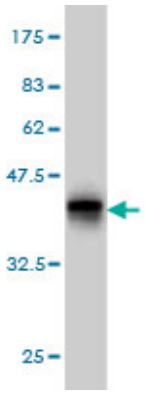
Additional Information

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.

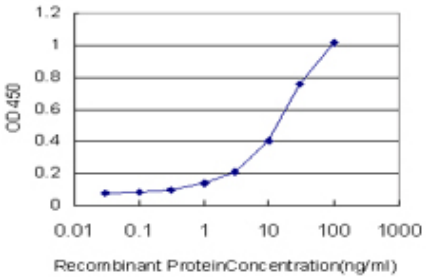
References

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.

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.