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Datasheet for ABIN527150
anti-UGT1A3 antibody (AA 30-129)

2 Images

1 Publication

Overview

Quantity:	100 µg
Target:	UGT1A3
Binding Specificity:	AA 30-129
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This UGT1A3 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant UGT1A3.
Immunogen:	UGT1A3 (NP_061966, 30 a.a. ~ 129 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	KVLVVPIDGS HWLSMREVLRL ELHARGHQAV VLTPEVNMHI KEENFFTLTT YAISWTQDEF DRHVLGHTQL YFETEHFLKK FFRSMAMLNN MSLVYHRSCV
Clone:	1C10
Isotype:	IgG2b
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	UGT1A3
Alternative Name:	UGT1A3 (UGT1A3 Products)
Background:	Full Gene Name: UDP glucuronosyltransferase 1 family, polypeptide A3 Synonyms: UGT1C
Gene ID:	54659
NCBI Accession:	NM_019093

Application Details

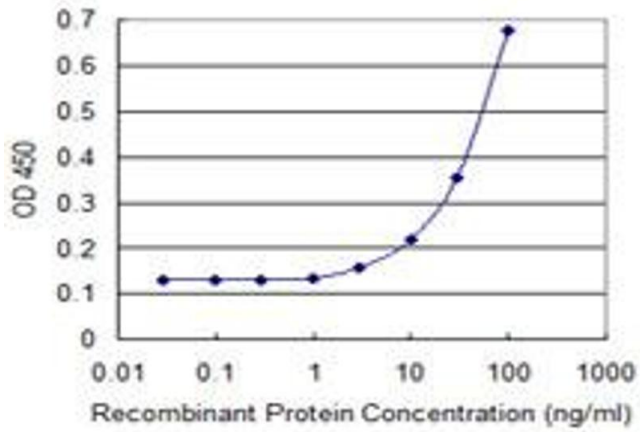
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

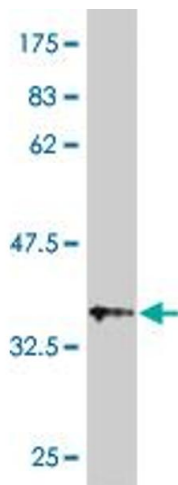
Publications

Product cited in:	Kalthoff, Ehmer, Freiberg, Manns, Strassburg: "Coffee induces expression of glucuronosyltransferases by the aryl hydrocarbon receptor and Nrf2 in liver and stomach." in: Gastroenterology , Vol. 139, Issue 5, pp. 1699-710, 1710.e1-2, (2010) (PubMed).
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ELISA

Image 1. Detection limit for recombinant GST tagged UGT1A3 is 1 ng/ml as a capture antibody.



Western Blotting

Image 2. Western Blot detection against Immunogen (36.74 KDa) .