



Mouse anti-Human EPHX1 monoclonal antibody, clone 3F8 (CABT-B10199)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	EPHX1 (AAH08291, 141 a.a. ~ 241 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	3F8
Conjugate	Unconjugated
Applications	sELISA, ELISA
Sequence Similarities	PKPLLMVHGWP GSFYEFYKIIPLLTDPKNHGLSDEHVFEVICPSIPGYGFSEASSKKGFN SVATARIFYKLMLRLGFGFEFYIQGGDWGSLICTNMAQLVP*
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	Epoxide hydrolase is a critical biotransformation enzyme that converts epoxides from the degradation of aromatic compounds to trans-dihydrodiols which can be conjugated and
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excreted from the body. Epoxide hydrolase functions in both the activation and detoxification of epoxides. Mutations in this gene cause preeclampsia, epoxide hydrolase deficiency or increased epoxide hydrolase activity. Alternatively spliced transcript variants encoding the same protein have been found for this gene.[provided by RefSeq, Dec 2008]

Keywords	EPHX1; epoxide hydrolase 1, microsomal (xenobiotic); MEH; EPHX; EPOX; HYL1; epoxide hydrolase 1; epoxide hydratase;
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GENE INFORMATION

Entrez Gene ID	2052
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UniProt ID	P07099
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Pathway	Bile secretion, organism-specific biosystem; Bile secretion, conserved biosystem; Metabolism of xenobiotics by cytochrome P450, organism-specific biosystem; Metabolism of xenobiotics by cytochrome P450, conserved biosystem
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Function	cis-stilbene-oxide hydrolase activity; epoxide hydrolase activity; hydrolase activity
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