



Mouse anti-Human EPHX1 monoclonal antibody, clone BU3F6 (CABT-B10200)

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

PRODUCT INFORMATION

Immunogen	Recombinant protein corresponding to amino acids 21-455 of human EPHX1.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	BU3F6
Conjugate	Unconjugated
Applications	WB, ELISA
Format	Liquid
Size	100 µl
Buffer	In PBS, pH 7.4 (0.1% sodium azide)
Storage	Store at -20°C for long-term storage. Store at 2-8°C for up to one month. Avoid freeze/thaw cycles.

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 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
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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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