



## 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

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

### BACKGROUND

<b>Introduction</b>	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 increased epoxide hydrolase activity. Alternatively spliced transcript variants encoding the same protein have been found for this gene.[provided by RefSeq, Dec 2008]

---

<b>Keywords</b>	EPHX1; epoxide hydrolase 1, microsomal (xenobiotic); MEH; EPHX; EPOX; HYL1; epoxide hydrolase 1; epoxide hydratase;
-----------------	---

---

## GENE INFORMATION

<b>Entrez Gene ID</b>	<a href="#">2052</a>
<b>UniProt ID</b>	<a href="#">P07099</a>
<b>Pathway</b>	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
<b>Function</b>	cis-stilbene-oxide hydrolase activity; epoxide hydrolase activity; hydrolase activity

---