

Product datasheet for TA501626M

EPHX2 Mouse Monoclonal Antibody [Clone ID: OTI1A6]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI1A6
Applications:	IF, IHC, WB
Recommended Dilution:	WB 1:500~2000, IHC 1:150, IF 1:100
Reactivity:	Human, Mouse
Host:	Mouse
lsotype:	lgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human EPHX2 (NP_001970) produced in HEK293T cell.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.7 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	62.4 kDa
Gene Name:	epoxide hydrolase 2
Database Link:	<u>NP_001970</u> <u>Entrez Gene 13850 MouseEntrez Gene 2053 Human</u> <u>P34913</u>
Background:	This gene encodes a member of the epoxide hydrolase family. The protein, found in both the cytosol and peroxisomes, binds to specific epoxides and converts them to the corresponding dihydrodiols. Mutations in this gene have been associated with familial hypercholesterolemia. Alternate transcriptional splice variants of this gene have been observed but have not been thoroughly characterized. [provided by RefSeq]



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CRIGENE EPHX2 Mouse Monoclonal Antibody [Clone ID: OTI1A6] – TA501626M

Synonyms:

CEH; SEH

Protein Pathways:

Arachidonic acid metabolism, Metabolic pathways

Product images:



HepG2
HeLa
HT29
A549
COS7
Jurkat
MDCK
PC12
MCF7

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Figure A, Western blot analysis of overexpressed lysates(15ug per lane) from HEK293T cells transfected with empty plasmid ([PS100001], NC) , human EPHX2 plasmid ([RC202489], hEPHX2), mouse EPHX2 plasmid ([MR208783], mEPHX2) using anti-EPHX2 antibody [TA501626](1:500). Figure B, Western blot analysis of the same samples as figure A with anti-DDK antibody ([TA180144], 1:1000)

Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-EPHX2 monoclonal antibody.

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Figure A, Western blot analysis of extracts (50ug) from 7 cell lines lysates by using anti-EPHX2 antibody([TA501626], 1:500). Figure B, Western blot analysis of the same samples as figure A with anti-beta Actin antibody ([TA811000], 1:500)



Immunohistochemical staining of paraffinembedded Human Kidney tissue within the normal limits using anti-EPHX2 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.

Immunohistochemical staining of paraffinembedded Carcinoma of Human kidney tissue using anti-EPHX2 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Immunohistochemical staining of paraffinembedded Human liver tissue within the normal limits using anti-EPHX2 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.

Immunohistochemical staining of paraffinembedded Human pancreas tissue within the normal limits using anti-EPHX2 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.

Immunohistochemical staining of paraffinembedded Human endometrium tissue within the normal limits using anti-EPHX2 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Immunohistochemical staining of paraffinembedded Human prostate tissue within the normal limits using anti-EPHX2 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.

Immunohistochemical staining of paraffinembedded Carcinoma of Human bladder tissue using anti-EPHX2 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.

Immunohistochemical staining of paraffinembedded Human lymph node tissue within the normal limits using anti-EPHX2 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Immunohistochemical staining of paraffinembedded Human lymphoma tissue using anti-EPHX2 mouse monoclonal antibody. Heatinduced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Anti-EPHX2 mouse monoclonal antibody ([TA501626]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY EPHX2 ([RC202489]).