

For Research Use Only

EPHX1 Monoclonal antibody, PBS Only



Catalog Number: 66982-1-PBS

Featured Product

Basic Information

Catalog Number:

66982-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG25820

GenBank Accession Number:

BC003567

GeneID (NCBI):

2052

UNIPROT ID:

P07099

Full Name:

epoxide hydrolase 1, microsomal (xenobiotic)

Calculated MW:

53 kDa

Observed MW:

53 kDa

Purification Method:

Protein A purification

CloneNo.:

1B6A2

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

Human, Mouse

Background Information

EPHX1, also known as EPHX and EPOX, belongs to the peptidase S33 family. EPHX1 is an evolutionarily highly conserved biotransformation enzyme expressed in nearly all tissues and localized mainly in the microsomal fraction of the endoplasmic reticulum of eukaryotic cells. EPHX1 plays a role in the metabolism of endogenous lipids such as epoxide-containing fatty acids. The calculated molecular weight of EPHX1 is 53 kDa (PMID: 26216302).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

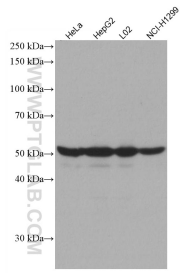
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

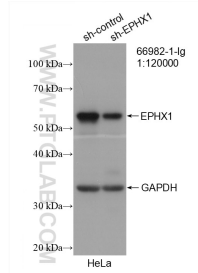
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 66982-1-Ig (EPHX1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66982-1-PBS in a different storage buffer formulation.



WB result of EPHX1 antibody (66982-1-Ig; 1:120000; incubated at room temperature for 1.5 hours) with sh-Control and sh-EPHX1 transfected HeLa cells. This data was developed using the same antibody clone with 66982-1-PBS in a different storage buffer formulation.