

For Research Use Only

FITC Plus-conjugated EPHX2 Monoclonal antibody

Catalog Number: FITC-67322

Featured Product



Basic Information

Catalog Number: FITC-67322	GenBank Accession Number: BC013874	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 2053	CloneNo.: 4H6C8
Source: Mouse	UNIPROT ID: P34913	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG2b	Full Name: epoxide hydrolase 2, cytoplasmic	Excitation/Emission maxima wavelengths: 495 nm / 524 nm
Immunogen Catalog Number: AG4870	Calculated MW: 63 kDa	
	Observed MW: 56-63 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : A549 cells,
Species Specificity: Human, Pig	

Background Information

EPHX2(Epoxide hydrolase 2) acts on epoxides (alkene oxides, oxiranes) and arene oxides and plays a role in xenobiotic metabolism by degrading potentially toxic epoxides. A number of single nucleotide polymorphisms (SNPs) in human EPHX2 have been linked to cardiovascular disease risk, including increased risk of coronary heart disease, hyperlipoproteinemia, and type-2 diabetes (PMID: 14732757, 16595607, 14673705, 15845398, 17460077). It was observed in many tissues with the band of 63 kDa in the western blot. It has also been reported that the N-terminal domain might promote dimerization of EPHX2 (PMID:21553642).

Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

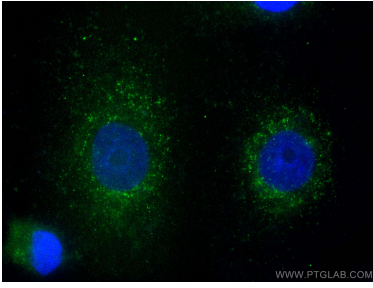
For technical support and original validation data for this product please contact:

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

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed A549 cells using FITC Plus EPHX2 antibody (FITC-67322, Clone: 4H6C8) at dilution of 1:50.