

For Research Use Only

FITC Plus-conjugated EPHX2 Monoclonal antibody



Catalog Number: FITC-67322

Featured Product

Basic Information

Catalog Number:

FITC-67322

Size:

1000 μ g/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG4870

GenBank Accession Number:

BC013874

GeneID (NCBI):

2053

UNIPROT ID:

P34913

Full Name:

epoxide hydrolase 2, cytoplasmic

Calculated MW:

63 kDa

Observed MW:

56-63 kDa

Purification Method:

Protein A purification

CloneNo.:

4H6C8

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima
wavelengths:

495 nm / 524 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

Human, Pig

Positive Controls:

IF/ICC : A549 cells,

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.

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:

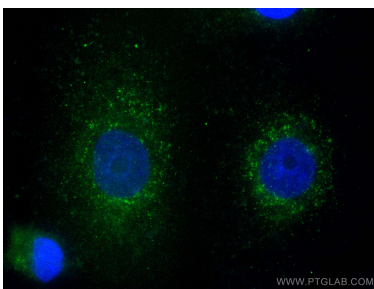
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.