

À des fins de recherche uniquement

Anticorps Monoclonal anti-CYB5R3

Numéro de catalogue: 66022-1-Ig Phare



Informations de base

Numéro de catalogue: 66022-1-Ig	Numéro d'acquisition GenBank: BC004821	Méthode de purification: Purification par protéine A
Taille: 150ul , Concentration: 1200 µg/ml by Nanodrop and 893 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 1727	CloneNo.: 9C4D10
Hôte: Mouse	Nom complet: cytochrome b5 reductase 3	Dilutions recommandées: WB 1:5000-1:50000 IHC 1:1000-1:4000 IF 1:200-1:800
Isotype: IgG2b	MW calculé 33 kDa	
Immunogen Catalog Number: AG18096	MW observés: 33 kDa	

Applications

Applications testées:

IF, IHC, WB, ELISA

Spécificité de l'espèce:

Humain

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9.0; (*) À défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules HeLa, cellules HepG2, cellules LO2, tissu cardiaque humain, tissu plasmatique humain

IHC : tissu de cancer du foie humain, tissu hépatique humain, tissu placentaire humain

IF : cellules HeLa, cellules HepG2

Informations générales

CYB5R3, also named as DIA1 and B5R, belongs to the flavoprotein pyridine nucleotide cytochrome reductase family. It plays an essential role in the mitochondrial metabolism by its contribution to cellular redox homeostasis. Overstimulation of CYB5R3 associated with lipid rafts can account for the overshoot of plasma membrane-focalized superoxide anion production that triggers the entry of CGN in the irreversible phase of apoptosis.

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

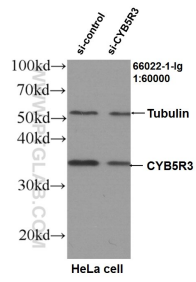
For technical support and original validation data for this product please contact:

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

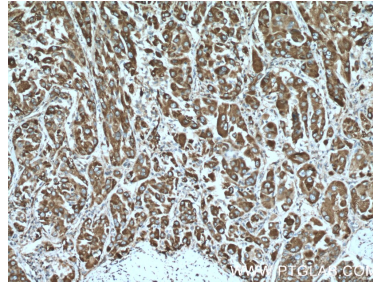
E: proteintech@ptglab.com
W: ptglab.com

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

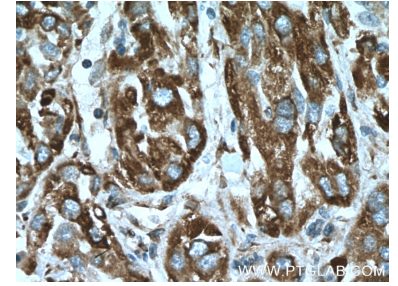
Données de validation sélectionnées



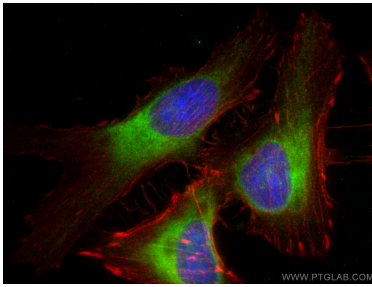
WB results of CYB5R3 antibody (66022-1-Ig, 1:60000) with si-Control and si-CYB5R3 transfected HeLa cells.



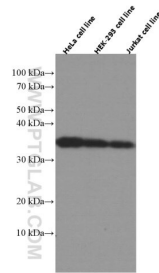
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66022-1-Ig (CYB5R3 antibody) at dilution of 1:2000 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66022-1-Ig (CYB5R3 antibody) at dilution of 1:2000 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CYB5R3 antibody (66022-1-Ig, Clone: 9C4D10) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red).



Western blot analysis of CYB5R3-specific in various tissues using Proteintech antibody 66022-1-Ig at dilution of 1:40000 incubated at room temperature for 1.5 hours.