

À des fins de recherche uniquement

Anticorps Monoclonal anti-CYP3A4

Numéro de catalogue: **CL488-67110**



Informations de base

Numéro de catalogue:	Numéro d'acquisition GenBank:	Méthode de purification:
CL488-67110	BC101631	Purification par protéine G
Taille:	Identification du gène (NCBI):	CloneNo.:
100ul, Concentration: 1000 µg/ml by Nanodrop;	1576	2F11C4
Hôte:	Nom complet:	Dilutions recommandées:
Mouse	cytochrome P450, family 3, subfamily 1F 1:50-1:500	
Isotype:	MW calculé	Excitation/Emission maxima wavelengths:
IgG1	503 aa, 57 kDa	493 nm / 522 nm
Immunogen Catalog Number:	MW observés:	
AG13074	51-57 kDa	

Applications

Applications testées:	Contrôles positifs:
FC (Intra), IF	IF : cellules HepG2,
Spécificité de l'espèce:	
Humain, porc, rat, souris	

Informations générales

Cytochrome P450 3A(CYP3A) belongs to the cytochrome P450 family and the enzymes constitute an important detoxification system that contributes to primary metabolism of more than half of all prescribed medications. CYP3A expression determines impairment of drug absorption and efficient systemic clearance in a tissue-specific manner (PMID:17975676). The murine homolog of human CYP3A4 is CYP3A11 (PMID: 19297428). The highest amounts of drug-metabolizing cytochromes P-450 are found in the liver and intestine, with lower amounts found in other organs, including the kidney, lung, and brain. LPS that has reached the circulation stimulates a TLR4-dependent mechanism in the periphery, evoking a reduction in Cyp3a11 expression and metabolism in the liver (PMID: 15878984).

Stockage

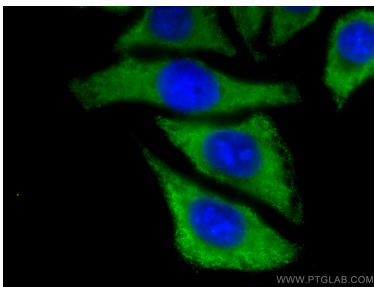
Stockage:
Stocker à -20 °C. Éviter toute exposition à la lumière. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

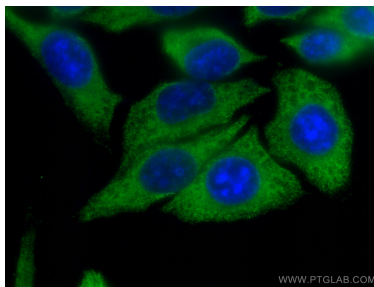
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

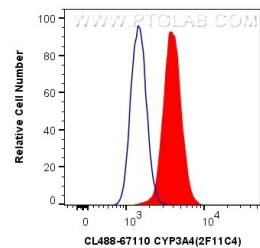
Données de validation sélectionnées



Immunofluorescent analysis of (-20°C Methanol) fixed HepG2 cells using CoraLite® Plus 488 CYP3A4 antibody (CL488-67110, Clone: 2F11C4) at dilution of 1:200.



Immunofluorescent analysis of (-20°C Methanol) fixed HepG2 cells using CoraLite® Plus 488 CYP3A4 antibody (CL488-67110, Clone: 2F11C4) at dilution of 1:200.



1X10⁶ HepG2 cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human CYP3A4 (CL488-67110, Clone:2F11C4) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).