

CYP2E1-Specific Monoklonaler Antikörper

Katalog-Nr.: CL488-67263

Allgemeine Informationen

Katalog-Nr.: CL488-67263	GenBank-Zugangsnummer: NM_000773	Reinigungsmethode: Protein-A-Reinigung
Größe: 100ul, Konzentration: 1000 µg/ml von 1571 Nanodrop;	GeneID (NCBI): 1571	CloneNo.: 1F12G7
Wirt: Maus	Vollständiger Name: cytochrome P450, family 2, subfamily E, polypeptide 1	Anregungs-/Emissionsmaxima-Wellenlängen: 493 nm / 522 nm
Isotyp: IgG2b	Berechnete Masse: 57 kDa	
	Beobachtete Masse: 50-57 kDa	

Anwendungen

Geprüfte Anwendungen:
FC (Intra)

Getestete Reaktivität:
Hausschwein, Maus, Ratte

Hintergrundinformationen

CYP2E1, also named as CYP1A1, 4-nitrophenol 2-hydroxylase, P450-J and CYP2E, belongs to the cytochrome P450 family. CYP2E1 metabolizes several precarcinogens, drugs, and solvents to reactive metabolites. It inactivates a number of drugs and xenobiotics and also bioactivates many xenobiotic substrates to their hepatotoxic or carcinogenic forms. CYP2E1 catalyze the reaction: 4-nitrophenol + NADPH + O₂ = 4-nitrocatechol + NADP⁺ + H₂O. CYP2E1 can be detected as 50-57 kDa (full-length) and ~40 kDa (N-terminal signal peptide cleaved) (PMID: 21130154). The antibody is specific to CYP2E1.

Lagerung

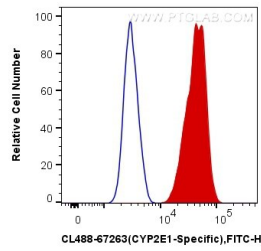
Lagerungsbedingungen:
Bei -20°C lagern. Vor Licht schützen. Nach dem Versand ein Jahr stabil.

Lagerungspuffer:
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

Ausgewählte Validierungsdaten



1X10⁶ HeLa cells were intracellularly stained with 0.4 ug Coralite® Plus 488 Anti-Human CYP2E1-Specific (CL488-67263, Clone:1F12G7) (red), or 0.4 ug Mouse IgG2b Isotype Control (CL488-66360-3, Clone: K11B8C4B5) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).