

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-HO-1/HMOX1



Numéro de catalogue: **CL488-10701**

Phare

Informations de base

| | | |
|---|---|--|
| Numéro de catalogue: CL488-10701 | Numéro d'acquisition GenBank: BC001491 | Méthode de purification: Purification par affinité contre l'antigène |
| Taille: 100ul, Concentration: 1000 µg/ml by Nanodrop; | Identification du gène (NCBI): 3162 | Dilutions recommandées: IF 1:50-1:500 |
| Hôte: Lapin | Nom complet: heme oxygenase (decycling) 1 | Excitation/Emission maximum wavelengths: 493 nm / 522 nm |
| Isotype: IgG | MW calculé: 33 kDa | |
| Immunogen Catalog Number: AG1190 | MW observés: 28-33 kDa | |

Applications

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| Applications testées: IF | Contrôles positifs: IF : tissu de cancer du foie humain, |
| Spécificité de l'espèce: Humain, rat, souris | |

Informations générales

Heme oxygenase (HMOX1) catalyzes the first and rate-limiting step in the degradation of heme to yield equimolar quantities of biliverdin Ixa, carbon monoxide (CO), and iron. It has 3 isoforms: HO-1 is highly inducible, whereas HO-2 and HO-3 are constitutively expressed (PMID:10194478). Heme oxygenase-1 (HO-1) is expressed in many tissues and vascular smooth muscle cells, and endothelial cells (PMID:15451051) and has been identified as an important endogenous protective factor induced in many cell types by various stimulants, such as hemolysis, inflammatory cytokines, oxidative stress, heat shock, heavy metals, and endotoxin (PMID: 11522663). And the full-length HO-1 is very unstable and susceptible to truncation that generates an inactive, soluble form (28 kDa) (James R. Reed, Pharmacology, 535-568).

Stockage

Stockage:
Stocker à -20 °C. Éviter toute exposition à la lumière.
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.**

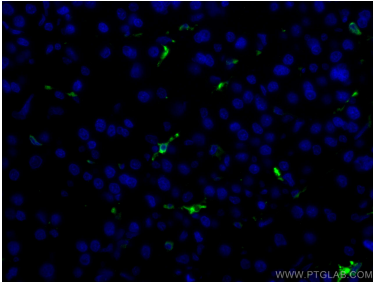
For technical support and original validation data for this product please contact:

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

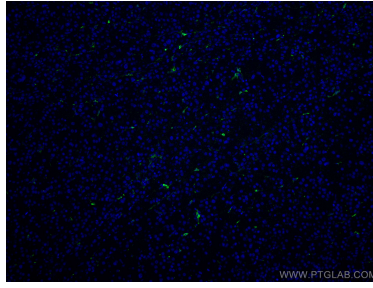
E: proteintech@ptglab.com
W: ptglab.com

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 (4% PFA) fixed human liver cancer tissue using CoraLite® Plus 488 HO-1/HMOX1 antibody (CL488-10701) at dilution of 1:200.



Immunofluorescent analysis of (4% PFA) fixed human liver cancer tissue using CoraLite® Plus 488 HO-1/HMOX1 antibody (CL488-10701) at dilution of 1:200.