

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-ARG1



Numéro de catalogue: **CL488-16001**

Informations de base

Numéro de catalogue: CL488-16001	Numéro d'acquisition GenBank: BC005321	Méthode de purification: Purification par affinité contre l'antigène
Taille: 100ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 383	Dilutions recommandées: IF 1:200-1:800
Hôte: Lapin	Nom complet: arginase, liver	Excitation/Emission maximale wavelengths: 493 nm / 522 nm
Isotype: IgG	MW calculé: 236aa,25 kDa; 322aa,35 kDa	
Immunogen Catalog Number: AG8595	MW observés: 35-36 kDa	

Applications

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

Informations générales

Arginase-1 (Liver arginase) belongs to the arginase family. ARG1 is a novel immunohistochemical marker of hepatocellular differentiation in fine needle aspiration cytology and a marker of hepatocytes and hepatocellular neoplasms. ARG1 is closely associated with alternative macrophage activation (PMID:12098359) and ARG1 has been shown to protect motor neurons from trophic factor deprivation and allow sensory neurons to overcome neurite outgrowth inhibition by myelin proteins (PMID: 20071539). It can exist as a homotrimer (PMID:16141327) and it has 3 isoforms produced by alternative splicing. Defects in ARG1 are the cause of argininemia (ARGIN). Deletion or TNF-mediated restriction of ARG1 unleashes the production of NO by NOS2, which is critical for pathogen control. (PMID:27117406). ARG1 has 3 isoforms with the molecular mass of 25, 35 and 36 kDa.

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.**

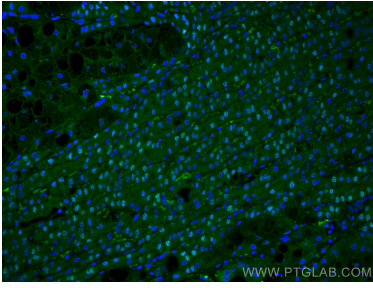
For technical support and original validation data for this product please contact:

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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 ARG1 antibody (CL488-16001) at dilution of 1:400.