

Nur für Forschungszwecke

ARG1 Polyklonaler Antikörper

Katalog-Nr.:CL488-16001



Allgemeine Informationen

Katalog-Nr.: CL488-16001	GenBank-Zugangsnummer: BC005321	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 100ul , Konzentration: 1000 µg/ml von383	GeneID (NCBI): 383	Empfohlene Verdünnungen: IF 1:200-1:800
Nanodrop;	Vollständiger Name: arginase, liver	Anregungs-/Emissionsmaxima-Wellenlängen: 493 nm / 522 nm
Wirt: Kaninchen	Berechnete Masse: 236aa,25 kDa; 322aa,35 kDa	
Isotyp: IgG	Beobachtete Masse: 35-36 kDa	
Immunogen Katalognummer: AG8595		

Anwendungen

Geprüfte Anwendungen: IF	Positivkontrollen: IF : humanes Leberkarzinomgewebe,
Getestete Reaktivität: Human, Maus, Ratte	

Hintergrundinformationen

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.

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Vor Licht schützen.
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

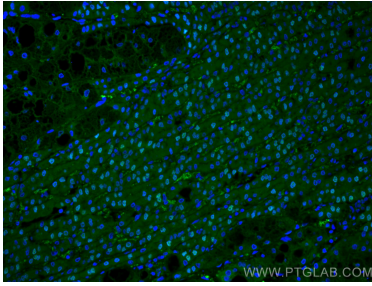
For technical support and original validation data for this product please contact:

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

Ausgewählte Validierungsdaten



Immunofluorescent analysis of (4% PFA) fixed human liver cancer tissue using CoraLite® Plus 488 ARG1 antibody (CL488-16001) at dilution of 1:400.