

Nur für Forschungszwecke

Arginase-1 Monoklonaler Antikörper



Katalog-Nr.:CL488-66129

2 Publikationen

Allgemeine Informationen

Katalog-Nr.: CL488-66129	GenBank-Zugangsnummer: BC005321	Reinigungsmethode: Protein-G-Reinigung
Größe: 100ul , Konzentration: 1000 µg/ml von383 Nanodrop;	GeneID (NCBI): 383	CloneNo.: 5D6D12
Wirt: Maus	Vollständiger Name: arginase, liver	Empfohlene Verdünnungen: IF 1:50-1:500
Isotyp: IgG1	Berechnete Masse: 236aa,25 kDa; 322aa,35 kDa	Anregungs-/Emissionsmaxima- Wellenlängen: 493 nm / 522 nm
Immunogen Katalognummer: AG8810		

Anwendungen

Geprüfte Anwendungen: IF	Positivkontrollen: IF : HepG2-Zellen, HeLa-Zellen
In Publikationen genannte Anwendungen: IF	
Getestete Reaktivität: Hausschwein, Human, Maus, Ratte	
Zitierte Arten: Maus	

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 is a novel biomarker of post-stroke immune suppression(2016). The antibody is conjugated with CL488, Ex/Em 488 nm/515 nm.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Kirsten M Reeves	34615724	Clin Cancer Res	IF
Weihao Shi	33969376	Biosci Rep	IF

Lagerung

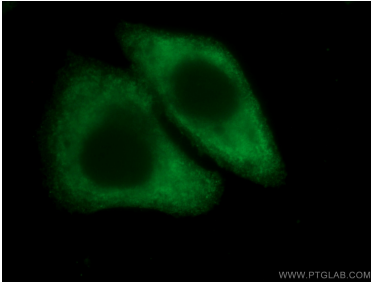
Lagerungsbedingungen:
Bei -20°C lagern. Vor Licht schützen. Nach dem Versand ein Jahr stabil.
Lagerungspuffer:
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

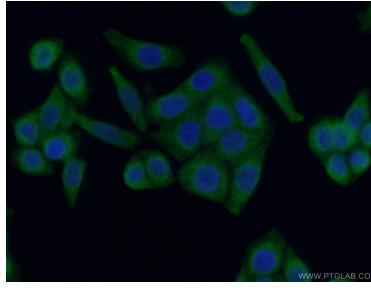
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Ausgewählte Validierungsdaten



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using CL488-66129 (ARG1 antibody) at dilution of 1:50.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CL488-66129 (ARG1 antibody) at dilution of 1:50.