

Nur für Forschungszwecke

p504S,AMACR Monoklonaler Antikörper



Katalog-Nr.:60240-1-Ig

Allgemeine Informationen

Katalog-Nr.: 60240-1-Ig	GenBank-Zugangsnummer: BC009471	Reinigungsmethode: Protein-G-Reinigung
Größe: 150ul , Konzentration: 930 µg/ml von Nanodrop und 500 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 23600	CloneNo.: 2H9B5
Wirt: Maus	Vollständiger Name: alpha-methylacyl-CoA racemase	Empfohlene Verdünnungen: WB 1:1000-1:6000
Isotyp: IgG1	Berechnete Masse: 382 aa, 42 kDa	
Immunogen Katalognummer: AG8720	Beobachtete Masse: 42 kDa	

Anwendungen

Geprüfte Anwendungen: FC, WB, ELISA	Positivkontrollen: WB : HepG2-Zellen, 4T1-Zellen, HEK-293-Zellen, HeLa-Zellen, LNCaP-Zellen, NIH/3T3-Zellen, PC-3-Zellen
Getestete Reaktivität: Human, Maus	

Hintergrundinformationen

AMACR(Alpha-methylacyl-CoA racemase) belongs to the CaiB/BaiF CoA-transferase family. It is a mitochondrial and peroxisomal enzyme that catalyzes the conversion of 2R stereoisomers of phytanic and pristanic acid to their S counterparts. AMACR has previously been shown to be a highly sensitive marker for colorectal and clinically localized prostate cancer (PCa). However, AMACR expression is down-regulated at the transcript and protein level in hormone-refractory metastatic PCa, suggesting a hormone-dependent expression of AMACR(PMID:12213712). It has 3 isoforms produced by alternative splicing. Defects in AMACR are the cause of alpha-methylacyl-CoA racemase deficiency (AMACRD) and congenital bile acid synthesis defect type 4 (CBAS4).

Lagerung

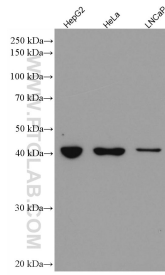
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

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

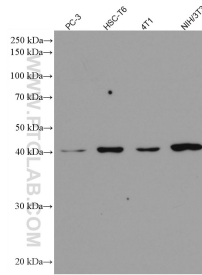
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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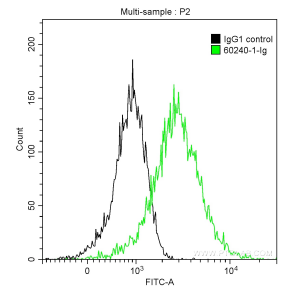
Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 60240-1-Ig (p504S,AMACR antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



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1X10⁶ HepG2 cells were intracellularly stained with 0.5 ug Anti-Human p504S,AMACR (60240-1-Ig, Clone:2H9B5) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (green), and 0.5 ug Mouse IgG1 Isotype Control (66360-1-Ig, Clone: T1F8D3F10) (black). Cells were fixed with 4% PFA and permeabilized with 0.1% TritonX-100.