

À des fins de recherche uniquement

# Anticorps Monoclonal anti-p504S,AMACR



Numéro de catalogue:60240-1-Ig

## Informations de base

<b>Numéro de catalogue:</b> 60240-1-Ig	<b>Numéro d'acquisition GenBank:</b> BC009471	<b>Méthode de purification:</b> Purification par protéine G
<b>Taille:</b> 150ul , Concentration: 930 µg/ml by Nanodrop and 500 µg/ml by Bradford method using BSA as the standard;	<b>Identification du gène (NCBI):</b> 23600	<b>CloneNo.:</b> 2H9B5
<b>Hôte:</b> Mouse	<b>Nom complet:</b> alpha-methylacyl-CoA racemase	<b>Dilutions recommandées:</b> WB 1:1000-1:6000
<b>Isotype:</b> IgG1	<b>MW calculé</b> 382 aa, 42 kDa	
<b>Immunogen Catalog Number:</b> AG8720	<b>MW observés:</b> 42 kDa	

## Applications

### Applications testées:

FC, WB, ELISA

### Spécificité de l'espèce:

Humain, souris

### Contrôles positifs:

WB : cellules HepG2, cellules 4T1, cellules HEK-293, cellules HeLa, cellules HSC-T6, cellules LNCaP, cellules NIH/3T3, cellules PC-3

## Informations générales

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).

## Stockage

### Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

### Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

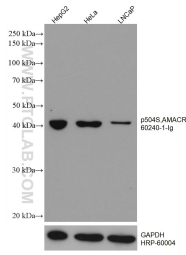
For technical support and original validation data for this product please contact:

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

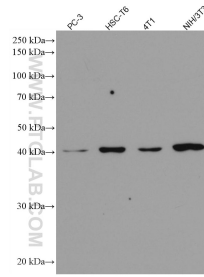
E: proteintech@ptglab.com  
W: ptglab.com

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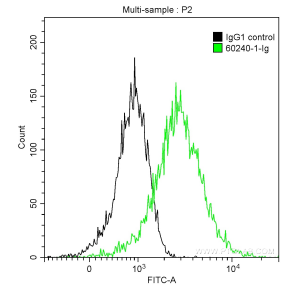
## Données de validation sélectionnées



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. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



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.



1X10<sup>6</sup> 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.