

## 44-1062: Anti-p504s Monoclonal Antibody (Clone:IHC524)(Discontinued)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	IHC524
<b>Application :</b>	IHC
<b>Reactivity :</b>	Human
<b>Gene :</b>	AMACR
<b>Gene ID :</b>	23600
<b>Uniprot ID :</b>	Q9UHK6
<b>Format :</b>	Purified
<b>Alternative Name :</b>	AMACR
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	Recombinant Human p504s

### Description

p504s, also known as Alpha-methylacyl coenzyme A racemase (AMACR), is an enzyme localized in the peroxisome and mitochondria, which functions in Beta-oxidation of branched chain fatty acids, as well as bile synthesis. AMACR has been clinically indicated as a tissue biomarker for prostate cancer and colorectal cancer, as well as high-grade prostatic intraepithelial neoplasia, a precursor lesion of prostate cancer. p504s overexpression has also been detected in a number of other cancers including ovarian, breast, bladder, lung, and renal cell carcinomas, lymphoma, and melanoma.

### Product Info

<b>Amount :</b>	0.1 ml / 0.5 ml
<b>Purification :</b>	Protein A/G Chromatography
<b>Content :</b>	Tris Buffer, pH 7.3 - 7.7, with 1% BSA and <0.1% Sodium Azide
<b>Storage condition :</b>	Store at 2°C - 8°C. Do not freeze.

### Application Note

Recommended dilutions: Immunohistochemical analysis: 1:100 - 1:200. However, this need to be optimized based on the research applications.

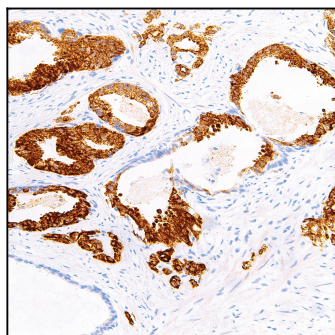


Figure 1: Immunohistochemical analysis of p504s (Clone: IHC524) on Prostate Cancer