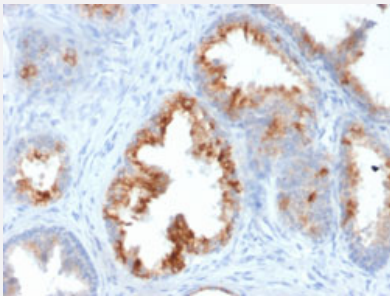


AMACR monoclonal antibody, clone AMACR/1864

Catalog # MAB20984 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human prostate cancer with AMACR monoclonal antibody, clone AMACR/1864 (Cat # MAB20984).

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human AMACR.
Immunogen	Recombinant protein corresponding to amino acids 297-394 of human AMACR.
Host	Mouse
Theoretical MW (kDa)	42
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG1, kappa
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1-2 ug/mL) Western Blot (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS.

Storage Instruction

Store at -20 to -80°C.
Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human prostate cancer with AMACR monoclonal antibody, clone AMACR/1864 (Cat # MAB20984).

Gene Info — AMACR

Entrez GeneID [23600](#)

Protein Accession# [Q9UHK6](#)

Gene Name AMACR

Gene Alias RACE

Gene Description alpha-methylacyl-CoA racemase

Omim ID [604489](#)

Gene Ontology [Hyperlink](#)

Gene Summary Alpha-methylacyl-CoA racemase is responsible for the conversion of pristanoyl-CoA and C27-bile acyl-CoAs to their (S)-stereoisomers, which are the only stereoisomers that can be degraded via a peroxisomal beta-oxidation.[supplied by OMIM]

Other Designations -

Pathway

- [Metabolic pathways](#)
- [Primary bile acid biosynthesis](#)

Disease

- [Adenocarcinoma](#)
- [Adenoma](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)
- [Ovarian cancer](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Pulmonary Disease](#)
- [Rectal Neoplasms](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)