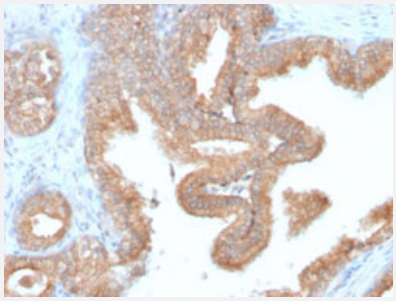
RecomAb™

AMACR recombinant monoclonal antibody, clone AMACR/2748R

Catalog # RAB00415 Size 100 ug

Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human prostate cancer with AMACR recombinant monoclonal antibody, clone AMACR/2748R (Cat # RAB00415).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human AMACR.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to amino acids 297-394 of human AMACR.
Theoretical MW (kDa)	42
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS (0.05% BSA, 0.05% sodium azide)

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Storage Instruction	Store at 2 to 8°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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

  Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human prostate cancer with AMACR recombinant monoclonal antibody, clone AMACR/2748R (Cat # RAB00415).

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 peroxisomal beta-oxidation.[supplied by OMIM
Other Designations	-

Pathway

- Metabolic pathways
- Primary bile acid biosynthesis

Disease

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- 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

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