

DATASHEET

AMACR Rabbit Monoclonal Antibody(ARB871)

CAT. NO. ARB6663

KEY FEATURES

Target	AMACR	Clonality	Monoclonal
Clone ID	ARB871	Applications	IHC
Source / Host	Rabbit	Dilution	1:100-1:200
Reactivity	Human	Storage	at-20°C

BACKGROUND

Alpha-methylacyl-CoA racemase (AMACR), also known as p504s, is a mitochondrial and peroxisomal enzyme that is involved in bile acid biosynthesis and beta-oxidation of branched-chain fatty acids. AMACR is essential in lipid metabolism, and is expressed in normal liver (hepatocytes), kidney (tubular epithelial cells) and gall bladder (epithelial cells). Expression has also been found in lung (bronchial epithelial cells) and colon (colonic surface epithelium). In immunohistochemistry (IHC), AMACR antibody has been shown to be a specific marker of prostatic adenocarcinoma.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

IHC	1:100 - 1:200
-----	---------------

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

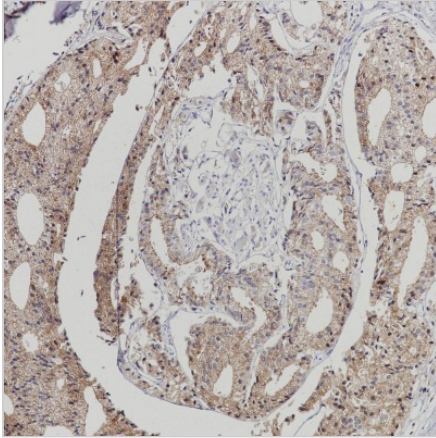
Predicted Molecular Wt	42 kDa
Purity	ProA affinity purified IgG
Subcellular location	Cytoplasm
Swissprot ID	Q9UHK6
Immunogen	Full-length recombinant Human AMACR
Storage Buffer	PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%
Recommended method	Heat induced epitope retrieval with Tris-EDTA buffer (pH 9.0), primary antibody incubate at RT (18° C-25° C) for 30 minutes.

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

DATASHEET**AMACR Rabbit Monoclonal Antibody(ARB871)**

CAT. NO. ARB6663

DATA

Immunohistochemical staining of human prostate adenocarcinoma tissue sections using AMACR Rabbit Monoclonal Antibody (ARB871).

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.

More information: www.arexbio.com