

DATASHEET

AMACR Mouse Monoclonal Antibody(ARB872)

CAT. NO. ARB6664

KEY FEATURES

Target	AMACR	Clonality	Monoclonal
Clone ID	ARB872	Applications	IHC
Source / Host	Mouse	Dilution	1:100-1:200
Reactivity	Human	Storage	at-20°C

BACKGROUND

AMACR (P504S protein, 48 kDa) plays a role in the beta-oxidation of branched-chain fatty acids and their derivatives. AMACR is found in mitochondria and peroxisomes of numerous tissues such as prostate, liver, biliary tract, kidney and lung. Using immunohistochemistry, non-neoplastic prostate show a weak or focal staining reaction in about 20% of the cases. The reactivity tends to decrease with age but the correlation coefficient is low. AMACR antibody is mainly used in clinical diagnosis of prostate cancer.

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

PRODUCT OVERVIEW

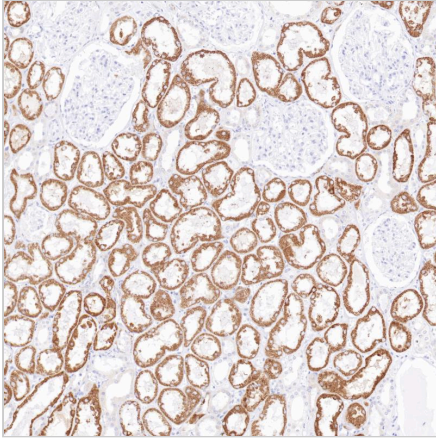
Predicted Molecular Wt	42 kDa
Purity	ProA affinity purified IgG
Subcellular location	Cytoplasm
Swissprot ID	Q9UHK6
Immunogen	Synthetic peptide of AMACR
Storage Buffer	PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%
Recommended method	Heat induced epitope retrieval with Tris-EDTA buffer (pH 9.0), 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.

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DATA

Immunohistochemical staining of human kidney tissue sections using AMACR Mouse Monoclonal Antibody (ARB872).

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