

Rabbit Mitochondria Monoclonal Antibody

Mitochondria (Marker for Human Cells, Granular RCCs & Salivary Tumors)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA214866	Rabbit	Human.Does not react with mouse, rat. Others not known	Immunohistochemistry

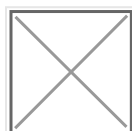
PRODUCT SYNONYMS

Mitochondria; Monoclonal Antibody; Mitochondria (Marker for Human Cells; Granular RCCs & Salivary Tumors); anti-Mitochondria antibody

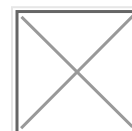
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human. Does not react with mouse, rat. Others not known
Clonality	Monoclonal
Isotype	IgG
Clone Number	MTC02/2860R
Specificity	This MAb recognizes a 60kDa antigen associated with the mitochondria in human cells. It can be used to stain mitochondria in cell or tissue preparations and can be used as a mitochondrial marker in subcellular fractions. It produces a spaghetti-like pattern in normal and malignant cells. This antibody is an excellent marker for human cells in xenographic model research. It reacts specifically with human cells, including neurons and embryonic stem cells. Immunostaining pattern with anti-mitochondrial MAb has been reported as a useful discriminatory adjunct in the complex differential granular renal cell tumors. Reportedly, this MAb facilitates the classification of salivary tumors.
Purity/Purification	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide.
Applicable Applications for anti-Mitochondria antibody	IHC (Immunohistochemistry)
Immunogen	Semi-purified mitochondrial preparation
Positive Control	HeLa or HepG2 Cells. Hepatic carcinoma.
Cellular Localization	Mitochondria in cytoplasm
Preparation and Storage	Antibody with azide - store at 2 to 8°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



SDS-PAGE

SDS-PAGE Analysis Purified Mitochondria Rabbit Recombinant Monoclonal (MTC02/2860R).
Confirmation of Purity and Integrity of Antibody


IHC (Immunohistochemistry)

Formalin-fixed, paraffin-embedded human Pancreas stained with Mitochondria Rabbit Recombinant Monoclonal Antibody (MTC02/2860R)

ADDITIONAL INFORMATION

Related Product Information for anti-Mitochondria antibody	Recombinant Rabbit Monoclonal Antibody
References	Tickoo SK, et al. Am J Surg Pathol. 1997; 21(8):922-30.; Vera-Sempere F, et al. Acta Otorrinolaringol Esp. 2011; 62(1):1-9.

NCBI AND UNIPROT INFORMATION

Molecular Weight	60kDa
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/mitochondria-antibody-clone-mtc02-2860r-immunohistochemistry-elisa/214866>