

Mouse Mitochondria Monoclonal Antibody

Mitochondria (Marker for Human Cells) Mouse Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA62841	Mouse	Human.Does not react with Mouse and Rat	Immunohistochemistry, Western Blot, Immunofluorescence, ELISA

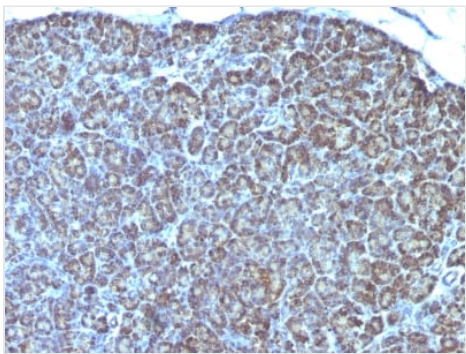
PRODUCT SYNONYMS

Mitochondria; Monoclonal Antibody; Mitochondria (Marker for Human Cells) Mouse Monoclonal Antibody; anti-Mitochondria antibody

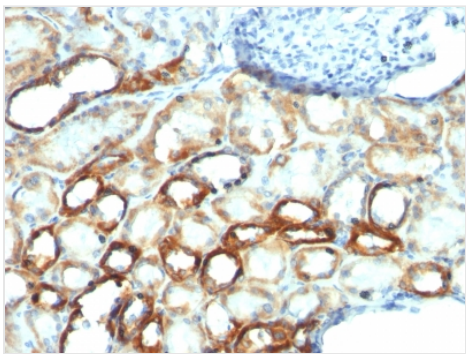
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human. Does not react with Mouse and Rat
Clonality	Monoclonal
Isotype	IgG1, kappa
Clone Number	AE-1
Specificity	This MAb recognizes a 60kDa antigen associated with the mitochondria in human cells. It is a part of a new panel of reagents, which recognizes subcellular organelles or compartments of human cells. These markers may be useful in identification of these organelles in cells, tissues, and biochemical preparations. It recognizes an antigen associated with the mitochondria in human cells only. It can be used to stain the 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 and may be used to stain mitochondria of cells in fixed or frozen tissue sections. It can also be used with paraformaldehyde fixed frozen tissue or cell preparations. This MAb is an excellent marker for human cells in xenographic model research. It reacts specifically with human cells, including neurons and embryonic stem cells.
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. Also available WITHOUT BSA at 1.0mg/ml.
Applicable Applications for anti-Mitochondria antibody	IHC (Immunohistochemistry), WB (Western Blot), IF (Immunofluorescence), ELISA
Cellular Localization	Mitochondria in Cytoplasm
Immunogen	Semi-purified mitochondrial preparation
Positive Control	HeLa or HepG2 cells. Hepatic carcinoma.
Preparation and Storage	Antibody with azide - store at 2 to 8 degree C. Antibody without azide - store at -20 to -80 degree C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human Pancreas stained with Mitochondria Monoclonal Antibody (AE-1).



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human Tonsil stained with Mitochondria Monoclonal Antibody (AE-1).

NCBI AND UNIPROT INFORMATION

Molecular Weight	60kDa
------------------	-------

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/mitochondria-antibody-clone-ae-1-immunohistochemistry-western-blot-immunofluorescence-elisa/62841>