

**Mitochondria (Marker for Human Cells) Antibody - With BSA and Azide**  
**Mouse Monoclonal Antibody [Clone AE-1 ]**  
**Catalog # AH13042**

**Specification**

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**Mitochondria (Marker for Human Cells) Antibody - With BSA and Azide - Product Information**

Application	,1,2,3,10,
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse / IgG1, kappa
Calculated MW	60kDa KDa

**Mitochondria (Marker for Human Cells) Antibody - With BSA and Azide - Additional Information**

**Storage**

Store at 2 to 8°C. Antibody is stable for 24 months.

**Precautions**

Mitochondria (Marker for Human Cells) Antibody - With BSA and Azide is for research use only and not for use in diagnostic or therapeutic procedures.

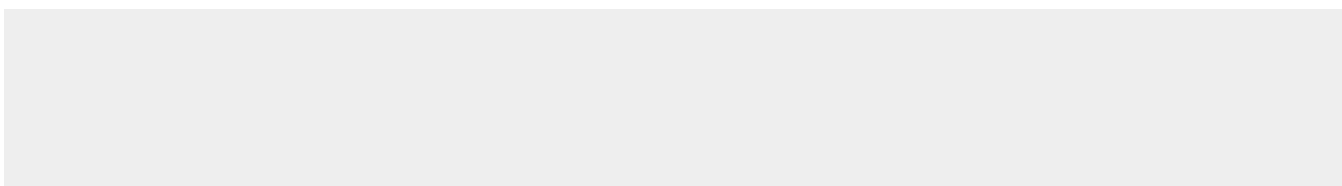
**Mitochondria (Marker for Human Cells) Antibody - With BSA and Azide - Protein Information**

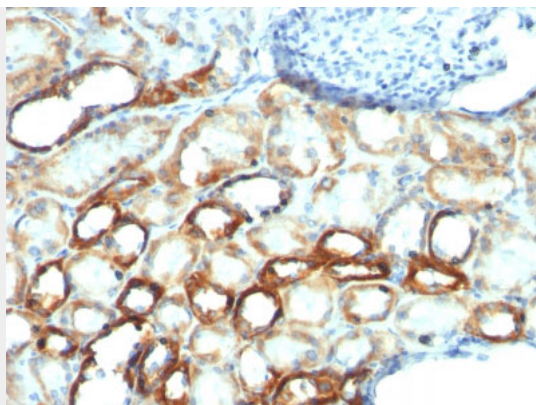
**Mitochondria (Marker for Human Cells) Antibody - With BSA and Azide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

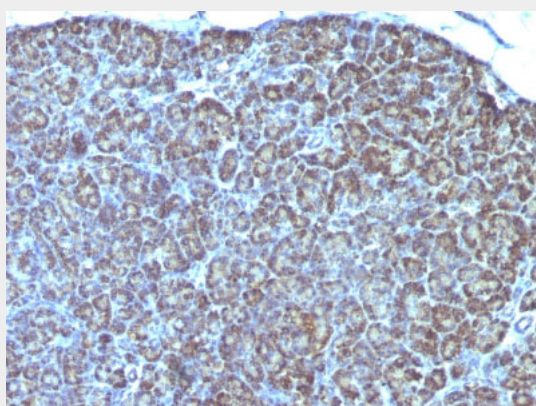
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Mitochondria (Marker for Human Cells) Antibody - With BSA and Azide - Images**





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



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

#### **Mitochondria (Marker for Human Cells) Antibody - With BSA and Azide - Background**

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.