

Datasheet for ABIN3025203
anti-GFM1 antibody



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2 Images

Overview

Quantity:	100 µg
Target:	GFM1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This GFM1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

Product Details

Immunogen:	The Mitochondrial fraction of HeLa cells was used as the immunogen for this Mitochondrial antibody.
Clone:	MTC719
Isotype:	IgG1 kappa
No Cross-Reactivity:	Insect, Bacteria
Characteristics:	MAb MTC719 recognizes a 60 kDa antigen associated with the mitochondria in cells. It is a part of a new panel of reagents, which recognizes subcellular organelles or compartments of cells. These markers may be useful in identification of these organelles in cells, tissues, and biochemical preparations. MAb MTC719 recognizes an antigen associated with the mitochondria in cells from a wide variety of animals, but not insects and bacteria. It can be used to stain the mitochondria in cell or tissue preparations and can be used as a mitochondrial

Product Details

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.

Purification: Protein G affinity chromatography

Target Details

Target: GFM1

Alternative Name: Mitochondrial (GFM1 Products)

Background: MAb MTC719 recognizes a 60 kDa antigen associated with the mitochondria in cells. It is a part of a new panel of reagents, which recognizes subcellular organelles or compartments of cells. These markers may be useful in identification of these organelles in cells, tissues, and biochemical preparations. MAb MTC719 recognizes an antigen associated with the mitochondria in cells from a wide variety of animals, but not insects and bacteria. 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.

Application Details

Application Notes: The concentration stated for each application is a general starting point. Variations in protocols, secondaries and substrates may require the Mitochondrial antibody to be titrated up or down for optimal performance.

1. Staining of formalin-fixed tissues is enhanced by boiling tissue sections in 10 mM Citrate Buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes.
2. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.\. FACS: 0.5-1 µg/million cells,IF: 0.5-1 µg/mL,WB: 0.25-0.5 µg/mL,IHC (FFPE): 0.5-1 µg/mL for 30 minutes at RT (1),Prediluted format : incubate for 30 min at RT (2)

Restrictions: For Research Use only

Handling

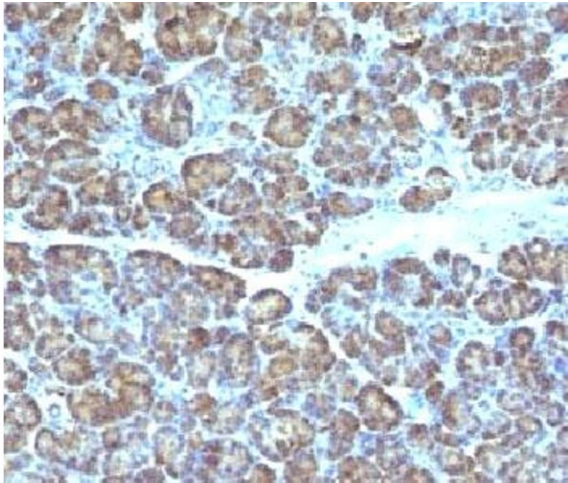
Concentration: 1 mg/mL

Buffer: 1 mg/mL in 1X PBS, BSA free, sodium azide free

Handling

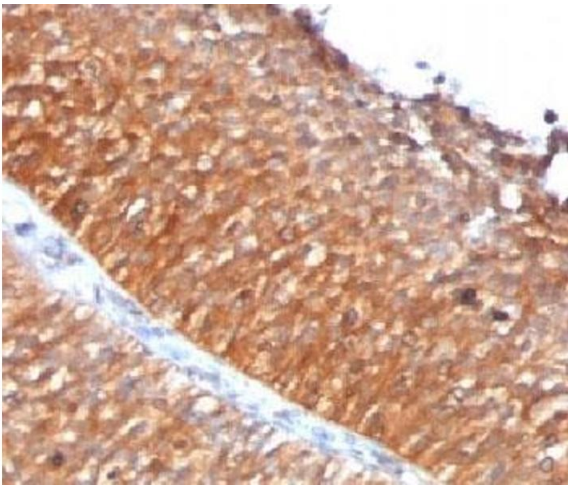
Preservative:	Azide free
Storage:	4 °C,-20 °C
Storage Comment:	Store the Mitochondrial antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).

Images



Immunohistochemistry

Image 1. IHC testing of FFPE human pancreas with Mitochondrial antibody



Immunohistochemistry

Image 2. IHC testing of FFPE human bladder carcinoma with Mitochondrial antibody