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# anti-MTMR3 antibody (AA 652-899)

2 Images



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#### Overview

Quantity:	100 μL
Target:	MTMR3
Binding Specificity:	AA 652-899
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MTMR3 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF), Immunohistochemistry (IHC)

### **Product Details**

Immunogen:	Recombinant Human Myotubularin-related protein 3 protein (652-899AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

# Target Details

Target:	MTMR3
Alternative Name:	MTMR3 (MTMR3 Products)
Background:	Background: Phosphatase that acts on lipids with a phosphoinositol headgroup. Has
	phosphatase activity towards phosphatidylinositol 3-phosphate and phosphatidylinositol 3,5-

## **Target Details**

bisphosphate. May also dephosphorylate proteins phosphorylated on Ser, Thr, and Tyr residues
(PubMed:10733931).
Aliases: FYVE domain-containing dual specificity protein phosphatase 1 antibody, FYVE-DSP1
antibody, MTMR3 antibody, MTMR3_HUMAN antibody, Myotubularin-related protein 3 antibody,

Zinc finger FYVE domain-containing protein 10 antibody

UniProt: Q13615

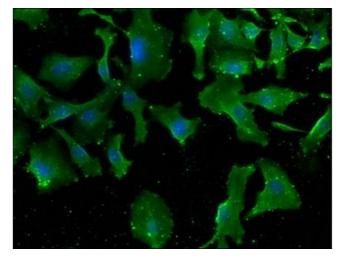
Pathways: Inositol Metabolic Process

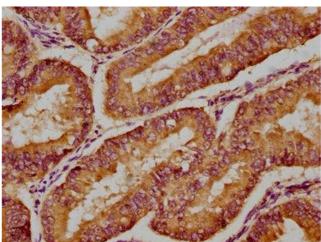
# **Application Details**

Application Notes:	Recommended dilution: IHC:1:200-1:500, IF:1:50-1:200,
Restrictions:	For Research Use only

# Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.





#### **Immunofluorescence**

**Image 1.** Immunofluorescence staining of U251 cells with ABIN7160647 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).

#### **Immunohistochemistry**

Image 2. IHC image of ABIN7160647 diluted at 1:300 and staining in paraffin-embedded human endometrial cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.