Data Sheet (Cat.No.TMAB-06772)

Anti-GRIM19 Antibody (7C396)

Product Details

Ig Type:	IgG
Reactivity:	Human
Molecular Weight:	Theoretical: 17 kDa. Actual: 16 kDa.
Clone:	7C396
Purification:	Protein A purified

Applications

Verified Activity:	1. 25 ug total protein per lane of various lysates (see on figure) probed with GRIM19 monoclonal antibody, unconjugated (TMAB-06772) at 1: 1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min. 2. The Hela (H) cells were fixed with 4% PFA (10 min at r. T.) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, the cells then were incubated in 5% BSA to block non-specific protein-protein interactions (30 min at r. T.), followed by secondary antibody incubation for 40 min at room temperature. Primary Antibody (green): Rabbit Anti-GRIM19 antibody (TMAB-06772, 1: 100); Isotype Control (orange): Rabbit IgG. Blank control (black): PBS. Acquisition of 20,000 events was performed.
Application:	WB,IHC-P,IHC-F,IF,FCM
Recommended	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,FCM=1:50-100

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthesized peptide: human NDUFA13
Antigen Species:	Human
Gene ID:	51079
Uniprot ID:	Q9P0J0

Research Background

Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed not to be involved in catalysis.Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone.

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