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[Primary Antibody]

Mouse Anti-SEPT2 antibody

Catalog Number: SLM-60367M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Mouse
Isotype:	IgG1/Kappa
Clonality:	Monoclonal
Clone No.:	C3A7
Target:	SEPT2
Purification:	Affinity purified by Protein G
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-1000 IHC-P=1:100-500 IHC-F=1:100-500 IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human(predicted:Mouse,Rat)
Subcellular Location:	cytoplasmic The cell membrane
Background:	Sep2 forms filaments through heterooligomerization with SEPT6 and sep7. SEPT2 interacts with SEPT6 via its C-terminal coiled-coil domain. Knockout of sep2, sep6, and sep7 leads to the disintegration of actin stress fibers and loss of cell polarity. Septins, SOCS7, and NCK1 are part of a signaling pathway that regulates the DNA damage response to the cytoskeleton.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.