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[Primary Antibody]

Recombinant Rabbit Anti-SESN1 Monoclonal Antibody

Catalog Number: SLA2237M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Clone No.:	3F11
GeneID:	27244
SWISS:	Q9Y6P5
Target:	SESN1
Immunogen:	A synthesized peptide derived from human Sestrin 1
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles.
Applications:	Flow-Cyt (1:50-100) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human
Predicted MW.:	57 kDa
Subcellular Location:	Nucleus
Background:	Functions as an intracellular leucine sensor that negatively regulates the TORC1 signaling pathway through the GATOR complex. In absence of leucine, binds the GATOR subcomplex GATOR2 and prevents TORC1 signaling. Binding of leucine to SESN2 disrupts its interaction with GATOR2 thereby activating the TORC1 signaling pathway.

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