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[Primary Antibody]

Recombinant Rabbit Anti-eIF4A1 Monoclonal Antibody

Catalog Number: SLA1888M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Clone No.:	8B5
GeneID:	1973
SWISS:	P60842
Target:	eIF4A1
Immunogen:	A synthesized peptide derived from human eIF4A1
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB (1:500-2000) Flow-Cyt (1:100-200) ICC/IF (1:50-200) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human,Mouse
Predicted MW.:	46 kDa
Background:	ATP-dependent RNA helicase which is a subunit of the eIF4F complex involved in cap recognition and is required for mRNA binding to ribosome. In the current model of translation initiation, eIF4A unwinds RNA secondary structures in the 5'-UTR of mRNAs which is necessary to allow efficient binding of the small ribosomal subunit, and subsequent scanning for the initiator codon.

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