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[Primary Antibody]

Recombinant Rabbit Anti-KIF4A Monoclonal Antibody

Catalog Number: SLA2197M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Clone No.:	1A12
GeneID:	24137
SWISS:	O95239
Target:	KIF4A
Immunogen:	A synthesized peptide derived from human Chromokinesin A
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:	WB (1:500-2000) Flow-Cyt (1:50-100) 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.:	140 kDa
Subcellular Location:	Nucleus
Background:	Iron-sulfur (Fe-S) cluster binding motor protein that has a role in chromosome segregation during mitosis. Translocates PRC1 to the plus ends of interdigitating spindle microtubules during the metaphase to anaphase transition, an essential step for the formation of an organized central spindle midzone and midbody and for successful cytokinesis.

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