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[Primary Antibody]

Recombinant Rabbit Anti-NOTCH4 Monoclonal Antibody

Catalog Number: SLA1428M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
GeneID:	4855
SWISS:	Q99466
Target:	NOTCH4
Immunogen:	A synthesized peptide derived from human Notch 4
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,Mouse
Predicted MW.:	210 kDa
Subcellular Location:	Nucleus
Background:	Functions as a receptor for membrane-bound ligands Jagged1, Jagged2 and Delta1 to regulate cell-fate determination. Upon ligand activation through the released notch intracellular domain (NICD) it forms a transcriptional activator complex with RBPJ/RBPSUH and activates genes of the enhancer of split locus. Affects the implementation of differentiation, proliferation and apoptotic programs. May regulate branching morphogenesis in the developing vascular system.

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