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Anti-Notch1 Rabbit mAb [25A37]

Catalog No.: A52242

Basic Information

Catalog No. (Cat.No.)	A52242
Host species	Rabbit
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IF,ELISA
Synonyms	Notch1,Notch-1,NOTCH-1,SPM-1

Product Information

Target	Notch1
Molecular Weight(Calculated)	273 kDa
Molecular Weight(Observed)	120 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	25A37
RRID	NA
Storage buffer	50% Glycerol, 0.05% BSA and 0.05% preservative in PBS (pH 7.2-7.4)
Storage	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.
Shipped at conditions	Frozen
Form	Liquid

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Product Usage Information

Application	Dilution
WB	1:1000-1:5000
IHC	1:200-1:1000
IF	1:200-1:1000
ELISA	1:5000-1:20000

Target Information

Protein Name	Notch receptor-1
Gene Name	*NOTCH1*
Domain	NA
Background	Notch1 (Notch receptor 1) is Notch transmembrane receptor family protein mediating juxtacrine cell-cell communication to govern cell fate, proliferation and differentiation. Upon binding Jagged or Delta ligands on neighboring cells, its intracellular domain NICD is proteolytically cleaved and translocates into nucleus, where it interacts with RBP-Jκ to modulate target-gene transcription. Notch1 participates in embryogenesis, organogenesis and stem-cell fate determination. It displays context-dependent oncogenic or tumor-suppressive roles; constitutive activation drives malignancies such as T-ALL.