NOTCH4 Rabbit mAb

Catalog No: #49433

Package Size: #49433-1 50ul #49433-2 100ul

Signalway Antibody
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Support: tech@signalwayantibody.com

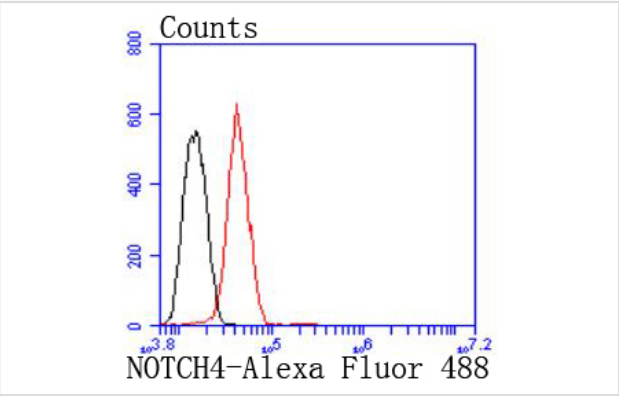
Description

Product Name	NOTCH4 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Clone No.	JM101-05
Purification	ProA affinity purified
Applications	WB, FC
Species Reactivity	Hu, Ms
Immunogen Description	recombinant protein
Conjugates	Unconjugated
Other Names	FLJ16302 antibody hNotch 4 antibody hNotch4 antibody INT3 antibody Neurogenic locus notch homolog protein 4 antibody NOTC4_HUMAN antibody Notch 4 antibody Notch 4 intracellular domain antibody Notch homolog 4 antibody NOTCH3 antibody Notch4 antibody NOTCH4 protein antibody
Accession No.	Swiss-Prot#:Q99466
Calculated MW	210 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.06% Sodium Azide.
Storage	Store at -20°C

Application Details

WB: 1:500-1:1,000 FC: 1:50-1:100

Images



Flow cytometric analysis of Hela cells with NOTCH4 antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.

Background

The LIN-12/Notch transmembrane receptors are believed to play a central role in development by regulating cell fate decisions. Four Notch homologs (Notch 1, Notch 2, Notch 3 and Notch 4) have been identified in mammals. The Notch genes are expressed in a variety of embryonic and adult tissues, suggesting that the genes are involved in multiple signaling pathways. Notch proteins have been found to be overexpressed or rearranged in

human tumors. Ligands for Notch include Jagged1, Jagged2 and Delta. Jagged1 can activate Notch and prevent myoblast differentiation by inhibiting the expression of muscle regulatory and structural genes. Jagged2 may be involved in tissue development that is dependent upon epithelial-mesenchymal interactions. In addition to its normal expression in the adrenal gland and placenta, Delta expression has also been found in neuroendocrine tumors.

References

Note: This product is for in vitro research use only and is not intended for use in humans or animals.