

Notch 2 Antibody FITC Conjugated

Catalog No: #C04064F

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Description

Product Name	Notch 2 Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 1570-1620 2471 derived from human Notch2
Conjugates	FITC
Target Name	Notch 2
Other Names	hN2; AGS2; HJCYS; Neurogenic locus notch homolog protein 2; Notch 2; NOTCH2
Accession No.	Swiss-Prot#Q04721NCBI Gene ID4853
Uniprot	Q04721
GeneID	4853;
Excitation Emission	494nm 518nm
Cell Localization	Extracellular
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

IF=1:50-200

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 (By similarity). Involved in bone remodeling and homeostasis. In collaboration with RELA p65 enhances NFATc1 promoter activity and positively regulates RANKL-induced osteoclast differentiation.

Note: This product is for in vitro research use only