

Shh Antibody FITC Conjugated

Catalog No: #C03396F

Package Size: #C03396F 100ul

Description

Product Name	Shh 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 20-70 462 derived from human Shh
Conjugates	FITC
Target Name	Shh
Other Names	TPT; HHG1; HLP3; HPE3; SMMCI; TPTPS; MCOPCB5; Sonic hedgehog protein; SHH; HHG-1
Accession No.	Swiss-Prot#Q15465NCBI Gene ID6469
Cell Localization	Cell membrane
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

Intercellular signal essential for a variety of patterning events during development: signal produced by the notochord that induces ventral cell fate in the neural tube and somites, and the polarizing signal for patterning of the anterior-posterior axis of the developing limb bud. Displays both floor plate- and motor neuron-inducing activity. The threshold concentration of N-product required for motor neuron induction is 5-fold lower than that required for floor plate induction. Activates the transcription of target genes by interacting with its receptor PTCH1 to prevent normal inhibition by PTCH1 on the constitutive signaling activity of SMO (By similarity).

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