
SHH (8G3) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 253016

Unit: 0.1 ml

Description:

SHH (Sonic hedgehog) is member of the hedgehog signaling pathway. SHH binds to the patched (PTC) receptor, which functions in association with smoothened (SMO), to activate the transcription of target genes. In the absence of SHH, PTC represses the constitutive signaling activity of SMO. Sonic hedgehog is an intercellular signal essential for a variety of patterning events during development, such as ventral cell fate in the neural tube and somites, and for patterning of the anterior-posterior axis of the developing limb bud. Defects in sonic hedgehog has been implicated in eye formation disorders and holoprosencephaly, the most common structural anomaly of the brain, in which the developing forebrain fails to correctly separate into right and left hemispheres.

Isotype: Mouse IgG1

Applications: WB

Species Reactivity: H

Format: Each vial contains 0.1 ml ascitic fluid with 0.03% sodium azide.

Alternate Names: Sonic hedgehog protein; SHH; HHG-1; TPT; HHG1; HLP3; HPE3; SMMCI; TPTPS; MCOPCB5

Accession No.: Q15465

Antigen: Purified recombinant fragment of human SHH expressed in E. coli.

Application Notes: WB: 1:200-1:1000;

Storage: Store at 4°C for short term use only. Store at -20°C for storage over 1 month. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.