Datasheet

WNT5A monoclonal antibody (M04), clone 3A4

Catalog Number: H00007474-M04

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant WNT5A.

Clone Name: 3A4

Immunogen: WNT5A (AAH64694, 201 a.a. ~ 300 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:
ERERIHAKGSYESARILMNLHNNEAGRRTVYNYLADVCKCHGVSGCSLKTCLWQLADFRKVGDALKEKYDSA

Host: Mouse

Reactivity: Human

Applications: ELISA, IHC-P, S-ELISA

(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Isotype: IgG2a Kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 7474

Gene Symbol: WNT5A

Gene Alias: hWNT5A

Gene Summary: The WNT gene family consists of structurally related genes which encode secreted signaling proteins. These proteins have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryogenesis. This gene is a member of the WNT gene family. It encodes a protein which shows 98%, 98% and 87% amino acid identity to the mouse, rat and the xenopus Wnt5A protein, respectively. The experiments performed in Xenopus laevis embryos identified that human frizzled-5 (hFz5) is the receptor for the Wnt5A ligand and the Wnt5A/hFz5 signaling mediates axis induction. [provided by RefSeq]

References: