WNT5B rabbit monoclonal antibody

Catalog # H00081029-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human WNT5B peptide using ARM Technology.
Immunogen	A synthetic peptide of human WNT5B is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human WNT5B peptide by ELISA and mammalian transfected lysate by W estern Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering in cluding $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — WNT5B

Entrez GeneID	81029
GeneBank Accession#	WNT5B
Gene Name	WNT5B
Gene Alias	MGC2648
Gene Description	wingless-type MMTV integration site family, member 5B
Omim ID	606361
Gene Ontology	Hyperlink
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 94% and 80% amino acid identity to the mouse Wnt5b protein and the human WNT5A protein, respectively. Alternative splicing of this gene generates 2 transcript variants. [provided by RefSeq
Other Designations	WNT-5B protein

Pathway

- Basal cell carcinoma
- Hedgehog signaling pathway
- Melanogenesis
- Pathways in cancer
- Wnt signaling pathway

Disease

- Diabetes Mellitus
- Genetic Predisposition to Disease

- Obesity