WISP3 rabbit monoclonal antibody

Catalog # H00008838-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human WISP3 peptide using ARM Technology.
Immunogen	A synthetic peptide of human WISP3 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 WISP3 peptide by ELISA and mammalian transfected lysate by We stern 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 — WISP3

Entrez GeneID	8838
GeneBank Accession#	WISP3
Gene Name	WISP3
Gene Alias	CCN6, LIBC, MGC125987, MGC125988, MGC125989, PPAC, PPD
Gene Description	WNT1 inducible signaling pathway protein 3
Omim ID	208230 603400
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the WNT1 inducible signaling pathway (WISP) protein subfamily, which belongs to the connective tissue growth factor (CTGF) family. WNT1 is a member of a famil y of cysteine-rich, glycosylated signaling proteins that mediate diverse developmental processes. The CTGF family members are characterized by four conserved cysteine-rich domains: insulin-lik e growth factor-binding domain, von Willebrand factor type C module, thrombospondin domain an d C-terminal cystine knot-like domain. This gene is overexpressed in colon tumors. It may be dow nstream in the WNT1 signaling pathway that is relevant to malignant transformation. Mutations of t his gene are associated with progressive pseudorheumatoid dysplasia, an autosomal recessive skeletal disorder, indicating that the gene is essential for normal postnatal skeletal growth and car tilage homeostasis. Multiple transcript variants encoding different isoforms have been found for thi s gene. [provided by RefSeq
Other Designations	OTTHUMP00000017037|OTTHUMP00000017038|OTTHUMP00000040421

Disease

- Colorectal Neoplasms
- Genetic Predisposition to Disease