

FUT6 rabbit monoclonal antibody

Catalog # H00002528-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human FUT6 peptide using ARM Technology.
Immunogen	A synthetic peptide of human FUT6 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 FUT6 peptide by ELISA and mammalian transfected lysate by Western 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 including 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 — FUT6

Entrez GeneID	2528
GeneBank Accession#	FUT6
Gene Name	FUT6
Gene Alias	FCT3A, FLJ40754, FT1A, FucT-VI
Gene Description	fucosyltransferase 6 (alpha (1,3) fucosyltransferase)
Omim ID	136836
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a Golgi stack membrane protein that is involved in the creation of sialyl-Lewis X, an E-selectin ligand. Mutations in this gene are a cause of fucosyltransferase-6 deficiency. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]
Other Designations	alpha-(1,3)-fucosyltransferase fucosyltransferase 6 galactoside 3-L-fucosyltransferase

Pathway

- [Glycosphingolipid biosynthesis - lacto and neolacto series](#)
- [Metabolic pathways](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)