

# FUT1 rabbit monoclonal antibody

Catalog # H00002523-K      Size 100 ug x up to 3

## Specification

Product Description	Rabbit monoclonal antibody raised against a human FUT1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human FUT1 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 ( <a href="#">ARM Technology</a> ).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human FUT1 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) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — FUT1

Entrez GeneID	<a href="#">2523</a>
GeneBank Accession#	<a href="#">FUT1</a>
Gene Name	FUT1
Gene Alias	H, HH, HSC
Gene Description	fucosyltransferase 1 (galactoside 2-alpha-L-fucosyltransferase, H blood group)
Omim ID	<a href="#">211100</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	The protein encoded by this gene is a Golgi stack membrane protein that is involved in the creation of a precursor of the H antigen, which is required for the final step in the soluble A and B antigen synthesis pathway. This gene is one of two encoding the galactoside 2-L-fucosyltransferase enzyme. Mutations in this gene are a cause of the H-Bombay blood group. [provided by RefSeq]
Other Designations	2-alpha-L-fucosyltransferase GDP-L-fucose:beta-D-galactoside 2-alpha-L-fucosyltransferase 1 alpha (1,2) fucosyltransferase blood group H alpha 2-fucosyltransferase fucosyltransferase 1 fucosyltransferase 1 (galactoside 2-alpha-L-fucosyltransferase) fucosyl

## Pathway

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