

POFUT1 rabbit monoclonal antibody

Catalog # H00023509-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human POFUT1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human POFUT1 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 POFUT1 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 — POFUT1

Entrez GeneID	23509
GeneBank Accession#	POFUT1
Gene Name	POFUT1
Gene Alias	FUT12, KIAA0180, MGC2482, O-FUT, O-Fuc-T, O-FucT-1
Gene Description	protein O-fucosyltransferase 1
Omim ID	607491
Gene Ontology	Hyperlink
Gene Summary	<p>This gene encodes a member of the glycosyltransferase O-Fuc family. This enzyme adds O-fucose through an O-glycosidic linkage to conserved serine or threonine residues in the epidermal growth factor-like repeats of a number of cell surface and secreted proteins. O-fucose glycans are involved in ligand-induced receptor signaling. Alternative splicing of this gene results in two transcript variants encoding different isoforms. [provided by RefSeq]</p>
Other Designations	GDP-fucose protein O-fucosyltransferase 1 OTTHUMP00000030583 OTTHUMP00000030584 O-fucosyltransferase protein

Disease

- [Tobacco Use Disorder](#)