

TSTA3 rabbit monoclonal antibody

Catalog # H00007264-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human TSTA3 peptide using ARM Technology.
Immunogen	A synthetic peptide of human TSTA3 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 TSTA3 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 — TSTA3

Entrez GeneID [7264](#)

GeneBank Accession# [TSTA3](#)

Gene Name TSTA3

Gene Alias FX, P35B, SDR4E1

Gene Description tissue specific transplantation antigen P35B

Omim ID [137020](#)

Gene Ontology [Hyperlink](#)

Gene Summary Tissue specific transplantation antigen P35B is a NADP(H)-binding protein. It catalyze the two-step epimerase and the reductase reactions in GDP-D-mannose metabolism, converting GDP-4-keto-6-D-deoxymannose to GDP-L-fucose. GDP-L-fucose is the substrate of several fucosyltransferases involved in the expression of many glycoconjugates, including blood group ABH antigens and developmental adhesion antigens. Mutations in this gene may cause leukocyte adhesion deficiency, type II. [provided by RefSeq]

Other Designations 3-5 epimerase/4-reductase[GDP-4-keto-6-deoxy-D-mannose epimerase-reductase]Tissue-specific transplantation antigen-3[short chain dehydrogenase/reductase family 4E, member 1]tissue specific transplantation antigen 3

Pathway

- [Amino sugar and nucleotide sugar metabolism](#)
- [Fructose and mannose metabolism](#)
- [Metabolic pathways](#)