

TGFBI rabbit monoclonal antibody

Catalog # H00007045-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human TGFBI peptide using ARM Technology.
Immunogen	A synthetic peptide of human TGFBI 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 TGFBI 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 — TGFB1

Entrez GeneID	7045
GeneBank Accession#	TGFB1
Gene Name	TGFB1
Gene Alias	BIGH3, CDB1, CDG2, CDGG1, CSD, CSD1, CSD2, CSD3, EBMD, LCD1
Gene Description	transforming growth factor, beta-induced, 68kDa
Omim ID	121820 121900 122200 601692 602082 607541 608470 608471
Gene Ontology	Hyperlink
Gene Summary	This gene encodes an RGD-containing protein that binds to type I, II and IV collagens. The RGD motif is found in many extracellular matrix proteins modulating cell adhesion and serves as a ligand recognition sequence for several integrins. This protein plays a role in cell-collagen interactions and may be involved in endochondrial bone formation in cartilage. The protein is induced by transforming growth factor-beta and acts to inhibit cell adhesion. Mutations in this gene are associated with multiple types of corneal dystrophy. [provided by RefSeq]
Other Designations	RGD-containing collagen-associated protein kerato-epithelin

Disease

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