TMPRSS3 rabbit monoclonal antibody

Catalog # H00064699-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human TMPRSS3 peptide using ARM Technology.
Immunogen	A synthetic peptide of human TMPRSS3 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 TMPRSS3 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 in cluding $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — TMPRSS3

Entrez GeneID	64699
GeneBank Accession#	TMPRSS3
Gene Name	TMPRSS3
Gene Alias	DFNB10, DFNB8, ECHOS1, TADG12
Gene Description	transmembrane protease, serine 3
Omim ID	601072 605316 605511
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein that belongs to the serine protease family. The encoded protein cont ains a serine protease domain, a transmembrane domain, a LDL receptor-like domain, and a sc avenger receptor cysteine-rich domain. Serine proteases are known to be involved in a variety of biological processes, whose malfunction often leads to human diseases and disorders. This gene was identified by its association with both congenital and childhood onset autosomal recessive d eafness. This gene is expressed in fetal cochlea and many other tissues, and is thought to be invo lved in the development and maintenance of the inner ear or the contents of the perilymph and end olymph. This gene was also identified as a tumor associated gene that is overexpressed in ovaria n tumors. Alternatively spliced transcript variants have been described. [provided by RefSeq
Other Designations	OTTHUMP00000109345|serine protease TADG12

Disease

- Deafness
- Syndrome