

ANTXR1 rabbit monoclonal antibody

Catalog # H00084168-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human ANTXR1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human ANTXR1 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 ANTXR1 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 — ANTXR1

Entrez GeneID	84168
GeneBank Accession#	ANTXR1
Gene Name	ANTXR1
Gene Alias	ATR, FLJ10601, FLJ11298, FLJ21776, TEM8
Gene Description	anthrax toxin receptor 1
Omim ID	606410
Gene Ontology	Hyperlink
Gene Summary	<p>This gene encodes a type I transmembrane protein and is a tumor-specific endothelial marker that has been implicated in colorectal cancer. The encoded protein has been shown to also be a docking protein or receptor for Bacillus anthracis toxin, the causative agent of the disease, anthrax. The binding of the protective antigen (PA) component, of the tripartite anthrax toxin, to this receptor protein mediates delivery of toxin components to the cytosol of cells. Once inside the cell, the other two components of anthrax toxin, edema factor (EF) and lethal factor (LF) disrupt normal cellular processes. Three alternatively spliced variants that encode different protein isoforms have been described. [provided by RefSeq]</p>
Other Designations	2310008J16Rik 2810405N18Rik tumor endothelial marker 8