

ANG rabbit monoclonal antibody

Catalog # H00000283-K Size 100 ug x up to 3

Specification

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

Entrez GeneID	283
GeneBank Accession#	ANG
Gene Name	ANG
Gene Alias	ALS9, HEL168, MGC22466, MGC71966, RNASE4, RNASE5
Gene Description	angiogenin, ribonuclease, RNase A family, 5
Omim ID	105400 105850
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is an exceedingly potent mediator of new blood vessel formation. It hydrolyzes cellular tRNAs resulting in decreased protein synthesis and is similar to pancreatic ribonuclease. Alternative splicing results in two transcript variants encoding the same protein. This gene and the gene that encodes ribonuclease, RNase A family, 4 share promoters and 5' exons. Each gene splices to a unique downstream exon that contains its complete coding region. [provided by RefSeq]
Other Designations	OTTHUMP00000164020 OTTHUMP00000164021 epididymis luminal protein 168

Disease

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