CYR61 rabbit monoclonal antibody

Catalog # H00003491-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human CYR61 peptide using ARM Technology.
Immunogen	A synthetic peptide of human CYR61 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 CYR61 peptide by ELISA and mammalian transfected lysate by W estern 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 — CYR61

Entrez GeneID	3491
GeneBank Accession#	CYR61
Gene Name	CYR61
Gene Alias	CCN1, GIG1, IGFBP10
Gene Description	cysteine-rich, angiogenic inducer, 61
Omim ID	602369
Gene Ontology	Hyperlink
Gene Summary	CYR61 is a secreted, cysteine-rich, heparin-binding protein encoded by a growth factor-inducible immediate-early gene. Acting as an extracellular, matrix-associated signaling molecule, CYR61 p romotes the adhesion of endothelial cells through interaction with integrin and augments growth fa ctor-induced DNA synthesis in the same cell type.[supplied by OMIM
Other Designations	OTTHUMP00000012303|cysteine-rich heparin-binding protein 61|cysteine-rich, anigogenic induc er, 61

Disease

- Breast cancer
- Breast Neoplasms
- Genetic Predisposition to Disease
- Metabolic Syndrome X
- Obesity
- Ovarian Neoplasms