

CEP290 rabbit monoclonal antibody

Catalog # H00080184-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human CEP290 peptide using ARM Technology.
Immunogen	A synthetic peptide of human CEP290 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 CEP290 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	<ol style="list-style-type: none">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 — CEP290

Entrez GeneID	80184
GeneBank Accession#	CEP290
Gene Name	CEP290
Gene Alias	3H11Ag, BBS14, FLJ13615, FLJ21979, JBTS5, JBTS6, KIAA0373, LCA10, MKS4, NPHP6, SL SN6, rd16
Gene Description	centrosomal protein 290kDa
Omim ID	610142 610188 610189 611134
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein with 13 putative coiled-coil domains, a region with homology to SM C chromosome segregation ATPases, six KID motifs, three tropomyosin homology domains and an ATP/GTP binding site motif A. The protein is localized to the centrosome and cilia and has site s for N-glycosylation, tyrosine sulfation, phosphorylation, N-myristoylation, and amidation. Mutation s in this gene have been associated with Joubert syndrome and nephronophthisis and the presen ce of antibodies against this protein is associated with several forms of cancer. [provided by Ref Seq
Other Designations	CTCL tumor antigen se2-2 monoclonal antibody 3H11 antigen nephrocytsin-6 prostate cancer anti gen T21

Disease

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- [Cerebellar Ataxia](#)
- [Kidney Diseases](#)
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- [Retinitis Pigmentosa](#)
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