

# ORC5L rabbit monoclonal antibody

Catalog # H00005001-K

Size 100 ug x up to 3

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human ORC5L peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human ORC5L is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
<b>Host</b>	Rabbit
<b>Library Construction</b>	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
<b>Expression</b>	Overexpression vector and transfection into 293H cell line.
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Isotype</b>	IgG
<b>Quality Control Testing</b>	Antibody reactive against human ORC5L peptide by ELISA and mammalian transfected lysate by Western Blot.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Deliverable</b>	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
<b>Note</b>	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) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — ORC5L

Entrez GeneID	<a href="#">5001</a>
GeneBank Accession#	<a href="#">ORC5L</a>
Gene Name	ORC5L
Gene Alias	ORC5, ORC5P, ORC5T
Gene Description	origin recognition complex, subunit 5-like (yeast)
Omim ID	<a href="#">602331</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	The origin recognition complex (ORC) is a highly conserved six subunit protein complex essential for the initiation of the DNA replication in eukaryotic cells. Studies in yeast demonstrated that ORC binds specifically to origins of replication and serves as a platform for the assembly of additional initiation factors such as Cdc6 and Mcm proteins. The protein encoded by this gene is a subunit of the ORC complex. It has been shown to form a core complex with ORC2L, -3L, and 4L. Alternatively spliced transcript variants encoding distinct isoforms have been described. [provided by RefSeq]
Other Designations	origin recognition complex subunit 5

## Pathway

- [Cell cycle](#)

## Disease

- [Celiac Disease](#)
- [Genetic Predisposition to Disease](#)
- [Narcolepsy](#)