

# PCSK5 rabbit monoclonal antibody

Catalog # H00005125-K

Size 100 ug x up to 3

## Specification

|                                |  |
|--------------------------------|--|
| <b>Product Description</b>     | Rabbit monoclonal antibody raised against a human PCSK5 peptide using ARM Technology.  |
| <b>Immunogen</b>               | A synthetic peptide of human PCSK5 is used for rabbit immunization.<br>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 PCSK5 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.<br>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 — PCSK5

|                     |   |
|---------------------|---|
| Entrez GeneID       | <a href="#">5125</a>  |
| GeneBank Accession# | <a href="#">PCSK5</a>   |
| Gene Name           | PCSK5   |
| Gene Alias          | PC5, PC6, PC6A, SPC6  |
| Gene Description    | proprotein convertase subtilisin/kexin type 5   |
| Omim ID             | <a href="#">600488</a>  |
| Gene Ontology       | <a href="#">Hyperlink</a>   |
| Gene Summary        | The protein encoded by this gene belongs to the subtilisin-like proprotein convertase family. The members of this family are proprotein convertases that process latent precursor proteins into their biologically active products. This encoded protein mediates posttranslational endoproteolytic processing for several integrin alpha subunits. It is thought to process prorenin, pro-membrane type-1 matrix metalloproteinase and HIV-1 glycoprotein gp160. Two alternatively spliced transcripts are described for this gene but only one has its full length nature known. [provided by RefSeq] |
| Other Designations  | OTTHUMP00000021497 OTTHUMP00000063532 prohormone convertase 5 proprotein convertase PC5 protease PC6 subtilisin/kexin-like protease PC5   |

## Disease

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