# CDC73 rabbit monoclonal antibody

Catalog # H00079577-K Size 100 ug x up to 3

## Specification

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| **Product Description** | Rabbit monoclonal antibody raised against a human CDC73 peptide using ARM Technology. |
| **Immunogen** | A synthetic peptide of human CDC73 is used for rabbit immunization.<br>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 CDC73 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.<br>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 — CDC73

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| **Entrez GeneID** | 79577 |
| **GeneBank Accession#** | CDC73 |
| **Gene Name** | CDC73 |
| **Gene Alias** | C1orf28, FLJ23316, HPT-JT, HRPT2 |
| **Gene Description** | cell division cycle 73, Paf1/RNA polymerase II complex component, homolog (S. cerevisiae) |
| **Omim ID** | 145000 145001 607393 608266 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | This gene encodes a tumor suppressor that is involved in transcriptional and post-transcriptional control pathways. The protein is a component of the the PAF protein complex, which associates with the RNA polymerase II subunit POLR2A and with a histone methyltransferase complex. This protein appears to facilitate the association of 3' mRNA processing factors with actively-transcribed chromatin. Mutations in this gene have been linked to hyperparathyroidism-jaw tumor syndrome, familial isolated hyperparathyroidism, and parathyroid carcinoma. [provided by RefSeq |
| **Other Designations** | hyperparathyroidism 2 (with jaw tumor)\|parafibromin |

## Disease

- Genetic Predisposition to Disease
- Hyperparathyroidism
- Multiple endocrine neoplasia
- Pancreatic cancer
- Pancreatic Neoplasms
- Parathyroid Neoplasms