# DNAJC2 rabbit monoclonal antibody

Catalog # H00027000-K Size 100 ug x up to 3

## Specification

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| **Product Description** | Rabbit monoclonal antibody raised against a human DNAJC2 peptide using ARM Technology. |
| **Immunogen** | A synthetic peptide of human DNAJC2 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 DNAJC2 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** | 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 — DNAJC2

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| **Entrez GeneID** | 27000 |
| **GeneBank Accession#** | DNAJC2 |
| **Gene Name** | DNAJC2 |
| **Gene Alias** | MPHOSPH11, MPP11, ZRF1, ZUO1 |
| **Gene Description** | DnaJ (Hsp40) homolog, subfamily C, member 2 |
| **Omim ID** | 605502 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | This gene is a member of the M-phase phosphoprotein (MPP) family. The gene encodes a phosphoprotein with a J domain and a Myb DNA-binding domain which localizes to both the nucleus and the cytosol. The protein is capable of forming a heterodimeric complex that associates with ribosomes, acting as a molecular chaperone for nascent polypeptide chains as they exit the ribosome. This protein was identified as a leukemia-associated antigen and expression of the gene is upregulated in leukemic blasts. Also, chromosomal aberrations involving this gene are associated with primary head and neck squamous cell tumors. This gene has a pseudogene on chromosome 6. Alternatively spliced variants which encode different protein isoforms have been described. [provided by RefSeq |
| **Other Designations** | M-phase phosphoprotein 11\|zuotin related factor 1 |