

EEF2K rabbit monoclonal antibody

Catalog # H00029904-K

Size 100 ug x up to 3

Specification

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| Product Description | Rabbit monoclonal antibody raised against a human EEF2K peptide using ARM Technology. |
| Immunogen | A synthetic peptide of human EEF2K 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 EEF2K 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. 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 — EEF2K

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| Entrez GeneID | 29904 |
| GeneBank Accession# | EEF2K |
| Gene Name | EEF2K |
| Gene Alias | HSU93850, MGC45041, eEF-2K |
| Gene Description | eukaryotic elongation factor-2 kinase |
| Omim ID | 606968 |
| Gene Ontology | Hyperlink |
| Gene Summary | This gene encodes a highly conserved protein kinase in the calmodulin-mediated signaling pathway that links activation of cell surface receptors to cell division. This kinase is involved in the regulation of protein synthesis. It phosphorylates eukaryotic elongation factor 2 (EEF2) and thus inhibits the EEF2 function. The activity of this kinase is increased in many cancers and may be a valid target for anti-cancer treatment. [provided by RefSeq] |
| Other Designations | calcium/calmodulin-dependent eukaryotic elongation factor-2 kinase calmodulin-dependent protein kinase III eEF-2 kinase elongation factor-2 kinase |

Disease

- [Kidney Failure](#)
- [Tobacco Use Disorder](#)