

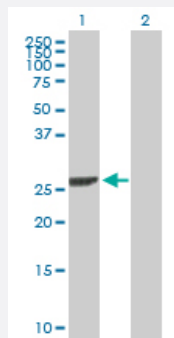
MaxPab®

## DCK purified MaxPab mouse polyclonal antibody (B02P)

Catalog # H00001633-B02P

Size 50 ug

### Applications



#### Western Blot (Transfected lysate)

Western Blot analysis of DCK expression in transfected 293T cell line ([H00001633-T02](#)) by DCK MaxPab polyclonal antibody.

Lane1:DCK transfected lysate(28.6 KDa).

Lane2:Non-transfected lysate.

### Specification

|                         |                                                                                                                                                                                                                                                                             |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description     | Mouse polyclonal antibody raised against a full-length human DCK protein.                                                                                                                                                                                                   |
| Immunogen               | DCK (NP_000779.1, 1 a.a. ~ 260 a.a) full-length human protein.                                                                                                                                                                                                              |
| Sequence                | MATPPKRSCPSFSASSEGTRIKKISIEGNIAAGKSTFVNILKQLCEDWEVVPEPVARWCNVQSTQ<br>DEFEELTMSQKNGGNVLQMMYEKPERWSFTFQTYACLSRIRAQLASLNGKLKDAEKPVLFERS<br>VYSDRYIFASNLYESECNETEWTYQDWHDWNNQFGQSLELDGIYLQATPETCLHRMLRGRNE<br>EQGIPLEYLEKLHYKHESWLLHRTLKTNFDYLDQEVPIITLDVNEDFKDKYESLVEKVKEFLSTL |
| Host                    | Mouse                                                                                                                                                                                                                                                                       |
| Reactivity              | Human                                                                                                                                                                                                                                                                       |
| Quality Control Testing | Antibody reactive against mammalian transfected lysate.                                                                                                                                                                                                                     |
| Storage Buffer          | In 1x PBS, pH 7.4                                                                                                                                                                                                                                                           |
| Storage Instruction     | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                    |

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[Protocol Download](#)

## Gene Info — DCK

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">1633</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| GeneBank Accession# | <a href="#">NM_000788.1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Protein Accession#  | <a href="#">NP_000779.1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Gene Name           | DCK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Gene Alias          | MGC117410, MGC138632                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Gene Description    | deoxycytidine kinase                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Omim ID             | <a href="#">125450</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Gene Summary        | Deoxycytidine kinase (DCK) is required for the phosphorylation of several deoxyribonucleosides and their nucleoside analogs. Deficiency of DCK is associated with resistance to antiviral and anticancer chemotherapeutic agents. Conversely, increased deoxycytidine kinase activity is associated with increased activation of these compounds to cytotoxic nucleoside triphosphate derivatives. DCK is clinically important because of its relationship to drug resistance and sensitivity. [provided by RefSeq] |
| Other Designations  | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

## Pathway

- [Purine metabolism](#)
- [Pyrimidine metabolism](#)

## Disease

- [Acute Disease](#)
- [Adenocarcinoma](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Neoplasms](#)
- [Neutropenia](#)
- [Pancreatic Neoplasms](#)