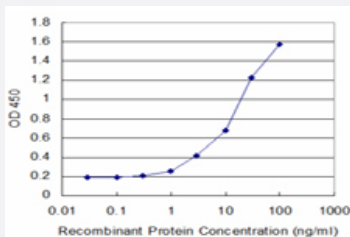


DCK monoclonal antibody (M04), clone 3E4

Catalog # H00001633-M04

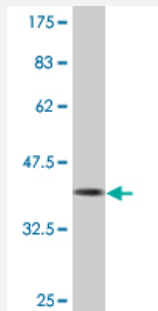
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged DCK is approximately 1ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant DCK.
Immunogen	DCK (NP_000779, 161 a.a. ~ 260 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	WMNNQFGQSLELDGIYLQATPETCLHRMLRGRNEEQGIPLEYLEKLHYKHESWLLHRTLKTNFDY LQEVPILTLDVNEDFKDKYESLVEKVKEFLSTL
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (36.74 KDa) .

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged DCK is approximately 1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — DCK

Entrez GeneID

[1633](#)

GeneBank Accession#

[NM_000788](#)

Protein Accession#

[NP_000779](#)

Gene Name

DCK

Gene Alias

MGC117410, MGC138632

Gene Description

deoxycytidine kinase

Omim ID

[125450](#)

Gene Ontology

[Hyperlink](#)

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](#)