

Datasheet for ABIN514902

## anti-DCK antibody (AA 161-260)



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4 Images

1 Publication

### Overview

Quantity:	100 µg
Target:	DCK
Binding Specificity:	AA 161-260
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This DCK antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

### Product Details

Purpose:	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:	WMNNQFGQSL ELDGIIYLQA TPETCLHRIY LRGRNEEQGI PLEYLEKLHY KHESWLLHRT LKTNFDYLQE VPILTLDVNE DFKDKYESLV EKVKEFLSTL
Clone:	1D12
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

## Target Details

Target:	DCK
Alternative Name:	DCK ( <a href="#">DCK Products</a> )
Background:	Full Gene Name: deoxycytidine kinase Synonyms: MGC117410,MGC138632
Gene ID:	1633
NCBI Accession:	<a href="#">NM_000788</a>

## Application Details

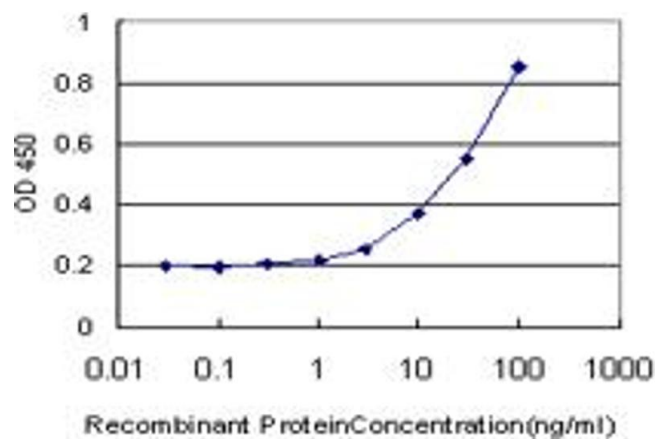
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

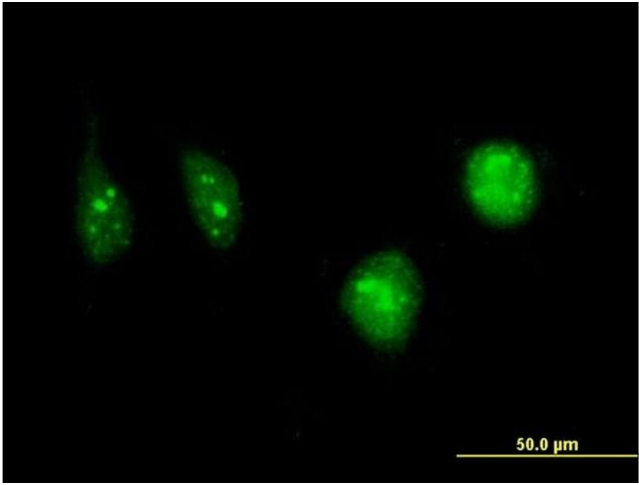
## Publications

Product cited in:	Costantino, Witkiewicz, Kuwano, Cozzitorto, Kennedy, Dasgupta, Keen, Yeo, Gorospe, Brody: "The role of HuR in gemcitabine efficacy in pancreatic cancer: HuR Up-regulates the expression of the gemcitabine metabolizing enzyme deoxycytidine kinase." in: <b>Cancer research</b> , Vol. 69, Issue 11, pp. 4567-72, (2009) ( <a href="#">PubMed</a> ).
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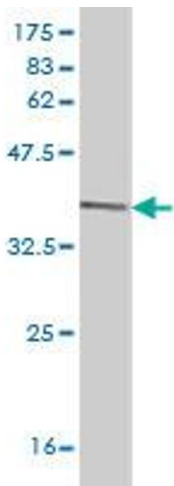
### ELISA

**Image 1.** Detection limit for recombinant GST tagged DCK is approximately 3ng/ml as a capture antibody.



### Immunofluorescence

**Image 2.** Immunofluorescence of monoclonal antibody to DCK on HeLa cell. [antibody concentration 10 ug/ml]



### Western Blotting

**Image 3.** Western Blot detection against Immunogen (36.74 KDa) .

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN514902.