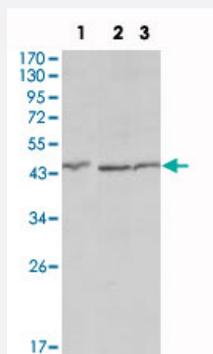


# DKK3 monoclonal antibody, clone 4G7

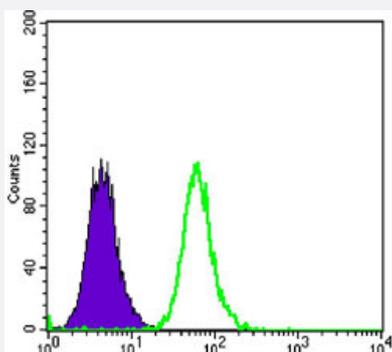
Catalog # MAB10625      Size 100 uL

## Applications



### Western Blot (Cell lysate)

Western blot analysis using DKK3 monoclonal antibody, clone 4G7 (Cat # MAB10625) against HEK293 (1), MCF-7 (2) and HL7702 (3) cell lysate.



### Flow Cytometry

Flow cytometric analysis of MCF-7 cells using DKK3 monoclonal antibody, clone 4G7 (Cat # MAB10625) (green) and negative control (purple).

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against partial recombinant DKK3.
<b>Immunogen</b>	Recombinant protein corresponding to human DKK3.
<b>Host</b>	Mouse
<b>Theoretical MW (kDa)</b>	38
<b>Reactivity</b>	Human, Monkey
<b>Form</b>	Liquid

<b>Isotype</b>	IgG1
<b>Recommend Usage</b>	ELISA (1:10000) Western Blot (1:500-1:2000) Flow cytometry (1:200-1:400) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In ascites (0.03% sodium azide)
<b>Storage Instruction</b>	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Cell lysate)

Western blot analysis using DKK3 monoclonal antibody, clone 4G7 (Cat # MAB10625) against HEK293 (1), MCF-7 (2) and HL7702 (3) cell lysate.

- Enzyme-linked Immunoabsorbent Assay

- Flow Cytometry

Flow cytometric analysis of MCF-7 cells using DKK3 monoclonal antibody, clone 4G7 (Cat # MAB10625) (green) and negative control (purple).

## Gene Info — DKK3

<b>Entrez GeneID</b>	<a href="#">27122</a>
<b>Gene Name</b>	DKK3
<b>Gene Alias</b>	REIC
<b>Gene Description</b>	dickkopf homolog 3 (Xenopus laevis)
<b>Omim ID</b>	<a href="#">605416</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>

**Gene Summary**

This gene encodes a protein that is a member of the dickkopf family. The secreted protein contains two cysteine rich regions and is involved in embryonic development through its interactions with the Wnt signaling pathway. The expression of this gene is decreased in a variety of cancer cell lines and it may function as a tumor suppressor gene. Alternative splicing results in multiple transcript variants encoding the same protein. [provided by RefSeq]

**Other Designations**

RIG-like 5-6|RIG-like 7-1|dickkopf 3|dickkopf homolog 3

## Disease

- [Carcinoma](#)
- [Colorectal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Neoplasms](#)
- [Polycystic Kidney](#)
- [Tobacco Use Disorder](#)