

**Product Name: DAPK3 Mouse Monoclonal Antibody****Catalog #: AMM81334**

For research use only.

**Summary**

<b>Description</b>	Mouse monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	WB,IHC,ELISA,FC
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	Mouse IgG1
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
<b>Molecular Weight</b>	52.5kDa

**Antigen Information**

<b>Gene Name</b>	DAPK3
<b>Alternative Names</b>	ZIP; ZIPK
<b>Gene ID</b>	1613.0
<b>SwissProt ID</b>	O43293
<b>Immunogen</b>	Purified recombinant fragment of human DAPK3 (AA: 28-161) expressed in E. Coli.

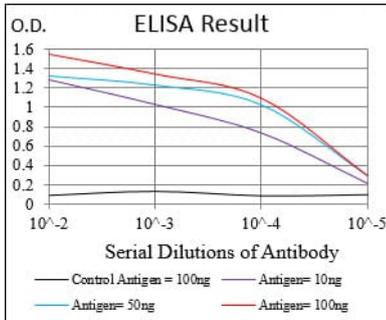
**Background**

Death-associated protein kinase 3 (DAPK3) induces morphological changes in apoptosis when overexpressed in mammalian cells. These results suggest that DAPK3 may play a role in the induction of apoptosis.

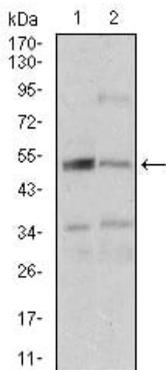
## Research Area

Apoptosis

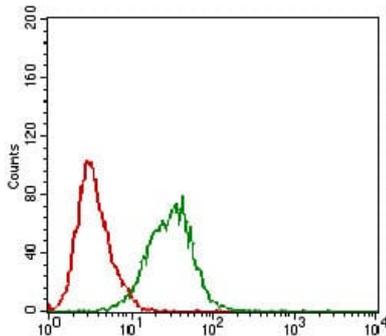
## Image Data



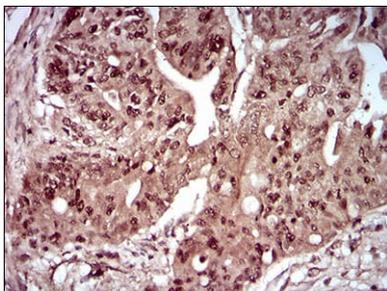
Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



Western blot analysis using DAPK3 mouse mAb against A431 (1), K562 (2) cell lysate.



Flow cytometric analysis of A431 cells using DAPK3 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human rectum cancer tissues using DAPK3 mouse mAb with DAB staining.