

**Product Name: RANBP9 Mouse Monoclonal Antibody**  
**Catalog #: AMM81365**



## Summary

<b>Production Name</b>	RANBP9 Mouse Monoclonal Antibody
<b>Description</b>	Mouse Monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	WB,IHC,ICC,FC,ELISA
<b>Reactivity</b>	Human,Mouse,Rat,Monkey,Rabbit

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	Mouse IgG1
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide.
<b>Purification</b>	Affinity Purification

## Immunogen

<b>Gene Name</b>	RANBP9
<b>Alternative Names</b>	BPM-L; BPM90; RANBPM; RanBP7
<b>Gene ID</b>	10048.0
<b>SwissProt ID</b>	Q96S59.Purified recombinant fragment of human RANBP9 (AA: 453-680) expressed in E. Coli.

## Application

<b>Dilution Ratio</b>	WB:1:500-1:2000,IHC:1:100-1:500,ICC:1:50-1:500,FC:1:200-1:400,ELISA:1:10000
<b>Molecular Weight</b>	77.8kDa

## Background

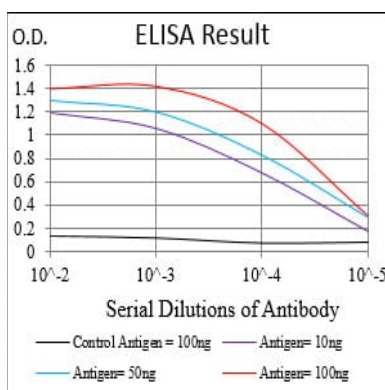
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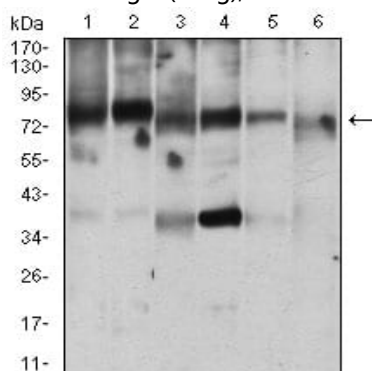
This gene encodes a protein that binds RAN, a small GTP binding protein belonging to the RAS superfamily that is essential for the translocation of RNA and proteins through the nuclear pore complex. The protein encoded by this gene has also been shown to interact with several other proteins, including met proto-oncogene, homeodomain interacting protein kinase 2, androgen receptor, and cyclin-dependent kinase 11.

## Research Area

## Image Data

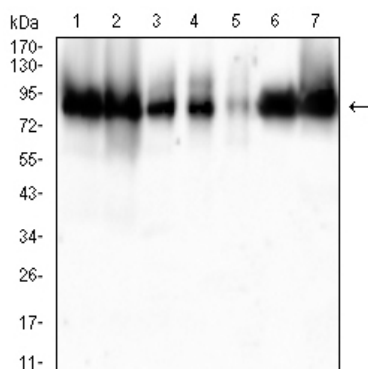


Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);

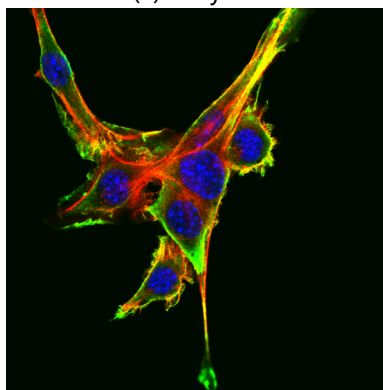


Western blot analysis using RANBP9 mouse mAb against Jurkat (1), MOLT4 (2), HEK293 (3), A431 (4), A549 (5), NIH/3T3 (6) cell lysate.

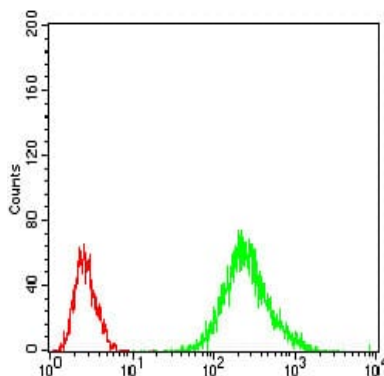
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Western blot analysis using RANBP9 mouse mAb against PC-129(1) Raw264.7(2) NIH/3T3(3)NRK(4)C2C12(5)F9(6)COS-7(7)cell lysate.



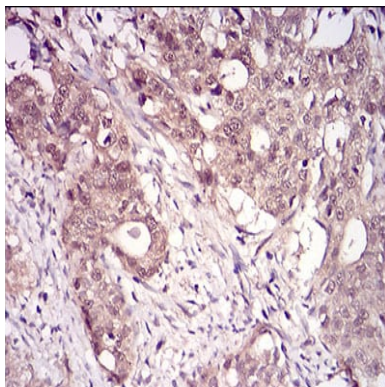
Immunofluorescence analysis of NIH/3T3 cells using RANBP9 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



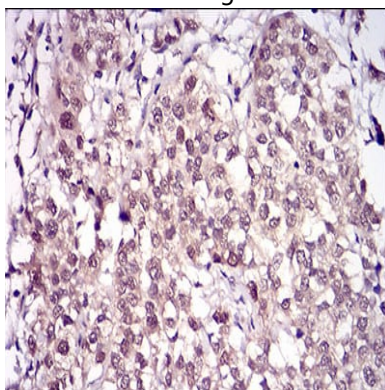
Flow cytometric analysis of Jurkat cells using RANBP9 mouse mAb (green) and negative control (red).

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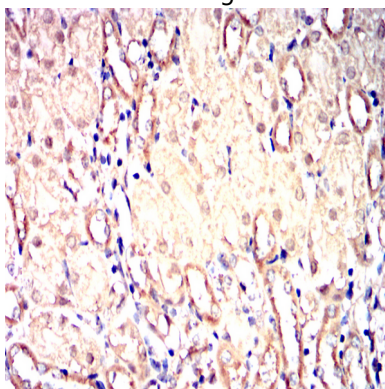
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Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using RANBP9 mouse mAb with DAB staining.



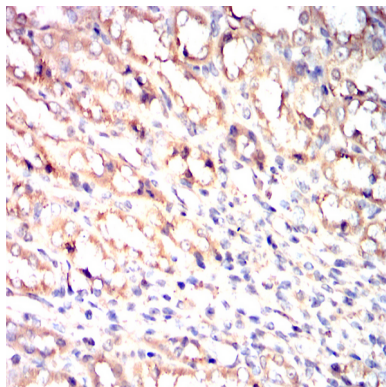
Immunohistochemical analysis of paraffin-embedded human bladder cancer tissues using RANBP9 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded Mouse kidney using RANBP9 mouse mAb with DAB staining.

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Immunohistochemical analysis of paraffin-embedded Rat kidney using RANBP9 mouse mAb with DAB staining.

**Note**

For research use only.