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**Product Name: MARK2 Rabbit Monoclonal Antibody****Catalog #: AMRe84467**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,FC
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.71mg/ml. The concentration of this product may be batch-dependent.
<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,0.05% protective protein and 50% glycerol.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:1000-1:2000,FC 1:20-1:100
<b>Molecular Weight</b>	Calculated MW: 88 kDa ; Observed MW: 78,82 kDa

**Antigen Information**

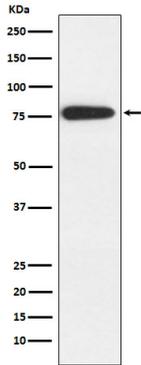
<b>Gene Name</b>	MARK2
<b>Alternative Names</b>	EMK1; Mark2; PAR 1; Par1b;;MARK2
<b>Gene ID</b>	
<b>SwissProt ID</b>	Q7KZI7
<b>Immunogen</b>	A synthesized peptide derived from human MARK2

**Background**

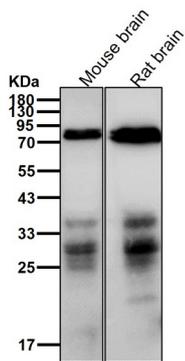
Serine/threonine-protein kinase. Involved in cell polarity and microtubule dynamics regulation. Phosphorylates CRTC2/TORC2, DCX, HDAC7, KIF13B, MAP2, MAP4 and RAB11FIP2. Phosphorylates the microtubule-associated protein MAPT/TAU.

## Research Area

## Image Data



Western blot analysis of MARK2 expression in Neuro-2a cell lysate.



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.