

**Product Name: MCAK Rabbit Monoclonal Antibody****Catalog #: AMRe84250**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ICC,FC
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.61mg/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,ICC 1:50-1:200,FC 1:20-1:100
<b>Molecular Weight</b>	81 kDa

**Antigen Information**

<b>Gene Name</b>	MCAK
<b>Alternative Names</b>	MCAK; KNSL6;;KIF2C
<b>Gene ID</b>	
<b>SwissProt ID</b>	Q99661
<b>Immunogen</b>	A synthesized peptide derived from human KIF2C

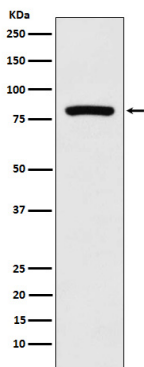
**Background**

In complex with KIF18B, constitutes the major microtubule plus-end depolymerizing activity in mitotic cells.Regulates the turnover of microtubules at the kinetochore and functions in chromosome segregation during mitosis.Plays a role in

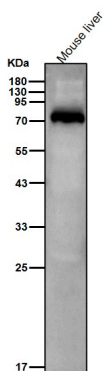
chromosome congression and is required for the lateral to end-on conversion of the chromosome-microtubule attachment.

## Research Area

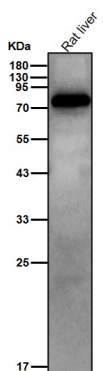
## Image Data



Western blot analysis of MCAK expression in MCF-7 cell lysate.



All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



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