

## Anti-MCAK Rabbit mAb

Purified Rabbit Monoclonal Antibody

Catalog # R011416

### Product Information

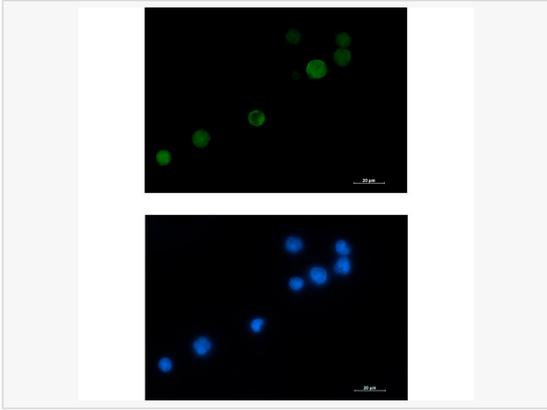
Application	ELISA, WB, ICC/IF (Cell)
Reactivity	Human
Dilution	WB 1:500~1:1,000; IF 1:50~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	44L57K96
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic peptide of human MCAK
Format	Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-MCAK antibody [44L57K96] is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

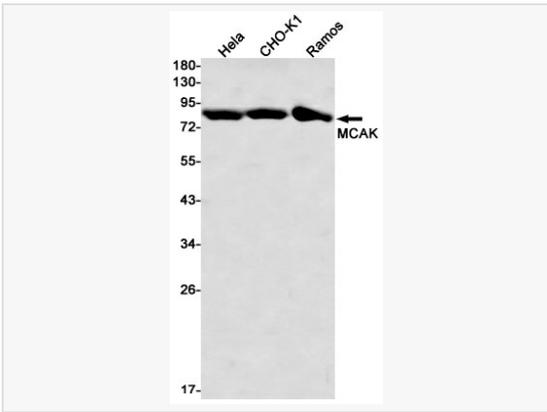
Synonyms	KIF2C, KNSL6, Kinesin-like protein KIF2C, Kinesin-like protein 6, Mitotic centromere-associated kinesin, MCAK
Calculated MW	Calculated MW: 81 kDa; Observed MW: 81 kDa
Uniprot ID	Q99661
Gene ID	11004
Background	Promotes ATP-dependent removal of tubulin dimers from microtubules. Regulates the turnover of microtubules at the kinetochore and functions in chromosome segregation during mitosis.

## Validation Images

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Immunocytochemistry analysis of MCAK (green) in Jurkat using MCAK antibody and DAPI (blue) .



Western blot analysis of MCAK in HeLa, CHO-K1, Ramos lysates using MCAK antibody.