

RecomAb™

## NDC80 recombinant monoclonal antibody, clone R09-3C6

Catalog # RAB06436      Size 100 uL

### Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human, mouse and rat NDC80.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against protein corresponding to full length human NDC80.
Theoretical MW (kDa)	Calculated MW: 74 kD
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Affinity chromatography
Isotype	IgG
Recommend Usage	Immunoprecipitation(1:20) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end use.
Storage Buffer	In PBS, 150mM NaCl, pH 7.4 (50% glycerol and 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

### Applications

- Western Blot
- Immunoprecipitation

## Gene Info — NDC80

**Entrez GeneID** [10403](#)**Protein Accession#** [O14777](#)**Gene Name** NDC80**Gene Alias** HEC, HEC1, KNTC2, TID3, hsNDC80**Gene Description** NDC80 homolog, kinetochore complex component (S. cerevisiae)**Omim ID** [607272](#)**Gene Ontology** [Hyperlink](#)

**Gene Summary** HEC is one of several proteins involved in spindle checkpoint signaling. This surveillance mechanism assures correct segregation of chromosomes during cell division by detecting unaligned chromosomes and causing prometaphase arrest until the proper bipolar attachment of chromosomes is achieved.[supplied by OMIM]

**Other Designations** highly expressed in cancer, rich in leucine heptad repeats|kinetochore associated 2

## Disease

- [Kidney Failure](#)