



# Mouse anti-Human KIF2C monoclonal antibody, clone 2H3 (CABT-B10520)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

|                              |  |
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| <b>Immunogen</b>             | KIF2C (AAH14924, 2a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
| <b>Isotype</b>               | IgG1   |
| <b>Source/Host</b>           | Mouse  |
| <b>Species Reactivity</b>    | Human  |
| <b>Clone</b>                 | 2H3  |
| <b>Conjugate</b>             | Unconjugated   |
| <b>Applications</b>          | WB, IHC, IF, IP, sELISA, ELISA, RNAi Knockdown   |
| <b>Sequence Similarities</b> | MAMDSSLQARLFPGLAIKIQRSNGLIHSANVRTVNLEKSCVSVWEAEGGATKGKEIDFDD<br>VAAINPELLQLLPLHPKDNLPLQENVTIQKQKRRSVNSKI       |
| <b>Format</b>                | Liquid   |
| <b>Buffer</b>                | In 1x PBS, pH 7.2  |
| <b>Storage</b>               | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                       |

## BACKGROUND

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| <b>Introduction</b> | This gene encodes a kinesin-like protein that functions as a microtubule-dependent molecular motor. The encoded protein can depolymerize microtubules at the plus end, thereby promoting mitotic chromosome segregation. Alternative splicing results in multiple transcript variants. |
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[provided by RefSeq, Jul 2014]

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| <b>Keywords</b> | KIF2C; kinesin family member 2C; MCAK; CT139; KNSL6; kinesin-like protein KIF2C; kinesin-like protein 6; mitotic centromere-associated kinesin; |
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## GENE INFORMATION

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| <b>Entrez Gene ID</b> | <a href="#">11004</a> |
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| <b>UniProt ID</b> | <a href="#">Q99661</a> |
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| <b>Pathway</b> | Aurora B signaling, organism-specific biosystem; Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; DNA Replication, organism-specific biosystem; Factors involved in megakaryocyte development and platelet production, organism-specific biosystem; Hemostasis, organism-specific biosystem; Kinesins, organism-specific biosystem; |
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| <b>Function</b> | ATP binding; centromeric DNA binding; microtubule motor activity; microtubule plus-end binding; nucleotide binding; protein binding; |
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