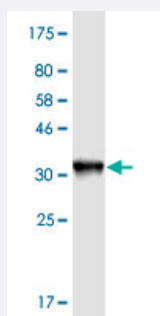


# KNTC1 monoclonal antibody (M02), clone 10D9

Catalog # H00009735-M02

Size 100 ug

## Applications



Western Blot detection against Immunogen (37.84 KDa) .

## Specification

|                                      |                                                                                                                      |
|--------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>           | Mouse monoclonal antibody raised against a partial recombinant KNTC1.                                                |
| <b>Immunogen</b>                     | KNTC1 (NP_055523, 2100 a.a. ~ 2209 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
| <b>Sequence</b>                      | DPQVILKQLEEhMNTGQLAGFSHQIRSLILNNIINKKEFGILAKTKYFQMLKMHAMNTNNITELVNYLANDSLDEASVLITEYSKHCGKPVPPDTAPCEILKMFLSGLS        |
| <b>Host</b>                          | Mouse                                                                                                                |
| <b>Reactivity</b>                    | Human                                                                                                                |
| <b>Interspecies Antigen Sequence</b> | Mouse (76); Rat (81)                                                                                                 |
| <b>Isotype</b>                       | IgG2a Kappa                                                                                                          |
| <b>Quality Control Testing</b>       | Antibody Reactive Against Recombinant Protein.<br>Western Blot detection against Immunogen (37.84 KDa) .             |
| <b>Storage Buffer</b>                | In 1x PBS, pH 7.4                                                                                                    |
| <b>Storage Instruction</b>           | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                             |

## Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

## Gene Info — KNTC1

|                     |                                                                                                                                                                                                                                                                                                 |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">9735</a>                                                                                                                                                                                                                                                                            |
| GeneBank Accession# | <a href="#">NM_014708</a>                                                                                                                                                                                                                                                                       |
| Protein Accession#  | <a href="#">NP_055523</a>                                                                                                                                                                                                                                                                       |
| Gene Name           | KNTC1                                                                                                                                                                                                                                                                                           |
| Gene Alias          | FLJ36151, KIAA0166, ROD                                                                                                                                                                                                                                                                         |
| Gene Description    | kinetochore associated 1                                                                                                                                                                                                                                                                        |
| Omim ID             | <a href="#">607363</a>                                                                                                                                                                                                                                                                          |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                       |
| Gene Summary        | This gene encodes a protein that is one of many involved in mechanisms to ensure proper chromosome segregation during cell division. Experimental evidence indicated that the encoded protein functioned in a similar manner to that of the Drosophila rough deal protein. [provided by RefSeq] |
| Other Designations  | Rough Deal homolog, centromere/kinetochore protein                                                                                                                                                                                                                                              |

## Disease

- [Genetic Predisposition to Disease](#)
- [Narcolepsy](#)
- [Tobacco Use Disorder](#)