

**Product Name: Cenexin1 / ODF2 (17Y14) Rabbit  
Monoclonal Antibody  
Catalog #: AMRe08633**

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## Summary

|                        |                                                    |
|------------------------|----------------------------------------------------|
| <b>Production Name</b> | Cenexin1 / ODF2 (17Y14) Rabbit Monoclonal Antibody |
| <b>Description</b>     | Rabbit Monoclonal Antibody                         |
| <b>Host</b>            | Rabbit                                             |
| <b>Application</b>     | WB,FC                                              |
| <b>Reactivity</b>      | Human                                              |

## Performance

|                     |                                                                                                                                                                          |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Conjugation</b>  | Unconjugated                                                                                                                                                             |
| <b>Modification</b> | Unmodified                                                                                                                                                               |
| <b>Isotype</b>      | IgG                                                                                                                                                                      |
| <b>Clonality</b>    | Monoclonal                                                                                                                                                               |
| <b>Form</b>         | Liquid                                                                                                                                                                   |
| <b>Storage</b>      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.<br>Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type |
| <b>Buffer</b>       | preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term.<br>Avoid freeze / thaw cycle.                                                       |
| <b>Purification</b> | Affinity purification                                                                                                                                                    |

## Immunogen

|                          |                                                                              |
|--------------------------|------------------------------------------------------------------------------|
| <b>Gene Name</b>         | ODF2                                                                         |
| <b>Alternative Names</b> | Cenexin 1; Cenexin; CT134; KKT4; ODF 2; ODF 84; odf2; ODF2/1; ODF2/2; ODF84; |
| <b>Gene ID</b>           | 4957.0                                                                       |
| <b>SwissProt ID</b>      | Q5BJF6.                                                                      |

## Application

|                         |                            |
|-------------------------|----------------------------|
| <b>Dilution Ratio</b>   | WB 1:1000, FCM 1:100-1:200 |
| <b>Molecular Weight</b> | 95kDa                      |

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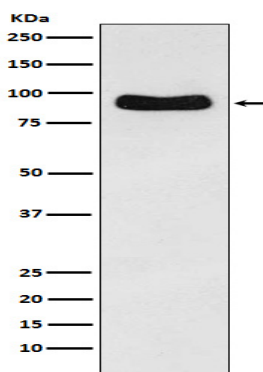


## Background

Seems to be a major component of sperm tail outer dense fibers (ODF). ODFs are filamentous structures located on the outside of the axoneme in the midpiece and principal piece of the mammalian sperm tail and may help to maintain the passive elastic structures and elastic recoil of the sperm tail. Seems to be a major component of sperm tail outer dense fibers (ODF). ODFs are filamentous structures located on the outside of the axoneme in the midpiece and principal piece of the mammalian sperm tail and may help to maintain the passive elastic structures and elastic recoil of the sperm tail. May have a modulating influence on sperm motility. Functions as a general scaffold protein that is specifically localized at the distal/subdistal appendages of mother centrioles. Component of the centrosome matrix required for the localization of PLK1 and NIN to the centrosomes. Required for the formation and/or maintenance of normal CETN1 assembly.

## Research Area

## Image Data



Western blot analysis of Cenexin1/ODF2 expression in HeLa cell lysate.

## Note

For research use only.