

## Anti-ODF2 antibody

<b>Cat. No.</b>	ml163430
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

<b>Description</b>	Anti-ODF2 rabbit polyclonal antibody
<b>Applications</b>	ELISA, IHC
<b>Immunogen</b>	Synthetic peptide of human ODF2
<b>Reactivity</b>	Human, Mouse, Rat
<b>Content</b>	0.7 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

### Target information

<b>Symbol</b>	ODF2
<b>Full name</b>	outer dense fiber of sperm tails 2
<b>Synonyms</b>	CT134; ODF84; ODF2/1; ODF2/2
<b>Swissprot</b>	Q5BJF6

### Target Background

The outer dense fibers are cytoskeletal structures that surround the axoneme in the middle piece and principal piece of the sperm tail. The fibers function in maintaining the elastic structure and recoil of the sperm tail as well as in protecting the tail from shear forces during epididymal transport and ejaculation. Defects in the outer dense fibers lead to abnormal sperm morphology and infertility. This gene encodes one of the major outer dense fiber proteins. Alternative splicing results in multiple transcript variants. The longer transcripts, also known as 'Cenexins', encode proteins with a C-terminal extension that are differentially targeted to somatic centrioles and thought to be crucial for the formation of microtubule organizing centers.

订购热线: 4008-898-798

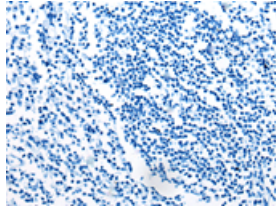
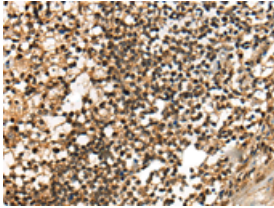
### Applications

#### Immunohistochemistry

Predicted cell location: Cytoplasm and Nucleus

Positive control: Human tonsil

Recommended dilution: 30-100

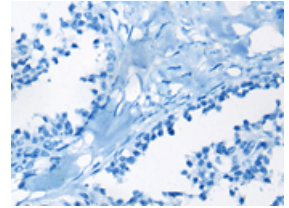
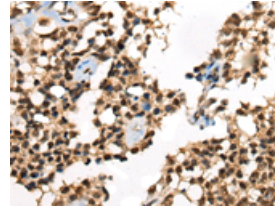


The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using ml163430(ODF2 Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification: ×200)

Predicted cell location: Cytoplasm and Nucleus

Positive control: Human ovarian cancer

Recommended dilution: 30-100



The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using ml163430(ODF2 Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification: ×200)

#### ELISA

Recommended dilution: 5000-10000

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