Anti-ODF2 antibody

Cat. No.	ml222803
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product overview

Description	Anti-ODF2 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human ODF2
Reactivity	Human, Mouse, Rat
Content	0.3 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	ODF2
Full name	outer dense fiber of sperm tails 2

Synonyms	CT134; ODF84; ODF2/1; ODF2/2
Swissprot	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.
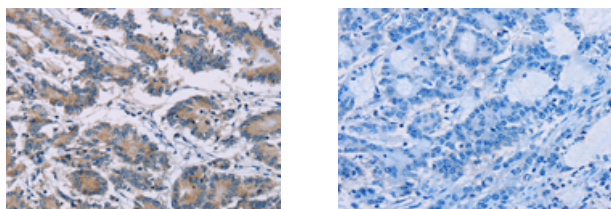
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human colon cancer

Recommended dilution: 25-100

The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using ml222803(ODF2 Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: ×200)

Western blotting

Predicted band size:95 kDa

Positive control:Human testis tissue and K562 cells

Recommended dilution: 500-2000
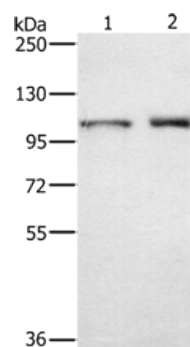
订购热线: **4008-898-798**

Gel: 6%SDS-PAGE

Lysate: 40 µg

Lane 1-2: Human testis tissue, K562 cells

Primary antibody: ml222803(ODF2 Antibody) at dilution 1/650

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 30 seconds

ELISA

Recommended dilution: 2000-5000

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