

Product datasheet

Anti-FDFT1 antibody [OT11H9] ab119267

1 References 7 Images

Overview

<b>Product name</b>	Anti-FDFT1 antibody [OT11H9]
<b>Description</b>	Mouse monoclonal [OT11H9] to FDFT1
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> WB, IHC-P, Flow Cyt, ICC/IF
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Recombinant full length protein corresponding to Human FDFT1 aa 1-417. Sequence:  MEFVKCLGHPEEFYNLVRFRIGGKRKVMKMDQDSLSSSLKTCYKYLNQT SRSFAAVIQALDGEMRNAVCIFYLVLRALDTLEDDMTISVEKKVPLLNHF HSFLYQPDWRFMESKEKDRQVLEDFPTISLEFRNLAEKYQTVIADICRRM GIGMAEFLDKHVTSEQEWDKYCHYVAGLVGIGLSRLFSASEFEDPLVGED TERANSMGLFLQKTNIIIRDYLEDDQGGREFWPQEVWSRYVKKLGDFAKPE NIDLAVQCLNELITNALHHIPDVITYLSRLRNQSVFNFAIPQVMAIATL AACYNNQVFKGAVKIRKGGAVTLMMDATNMPAVKAIYQYMEIYHRIP DSDPSSSKTRQIISTIRTQNLPCQLISRSHYSPYLSFVMLLAALSWQY LTTLQVTEYVQTGEH  Database link: <a href="#">P37268</a>  <a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>
<b>Positive control</b>	IHC-P: Human lung carcinoma, endometrium, bladder carcinoma and lymphoma tissue. ICC/IF: COS-7 cells transiently transfected with FDFT1 cDNA. WB: HEK-293T cells transfected with FDFT1 cDNA.
<b>General notes</b>	Clone OT11H9 (formerly 1H9)

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: PBS, 50% Glycerol, 1% BSA

<b>Purity</b>	Affinity purified
<b>Purification notes</b>	Purified from cell culture supernatant.
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	OT11H9
<b>Isotype</b>	IgG2b

## Applications

Our [Abpromise guarantee](#) covers the use of **ab119267** in the following tested applications.

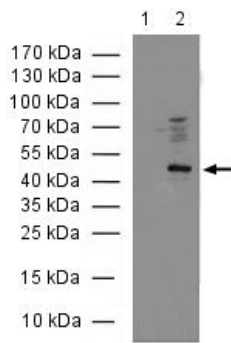
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/2000. Predicted molecular weight: 48 kDa.
IHC-P		1/150.
Flow Cyt		1/100. <a href="#">ab170192</a> - Mouse monoclonal IgG2b, is suitable for use as an isotype control with this antibody.
ICC/IF		1/100.

## Target

<b>Pathway</b>	Terpene metabolism; lanosterol biosynthesis; lanosterol from farnesyl diphosphate: step 1/3.
<b>Sequence similarities</b>	Belongs to the phytoene/squalene synthase family.
<b>Cellular localization</b>	Endoplasmic reticulum membrane.

## Images



Western blot - Anti-FDFT1 antibody [OT11H9]  
(ab119267)

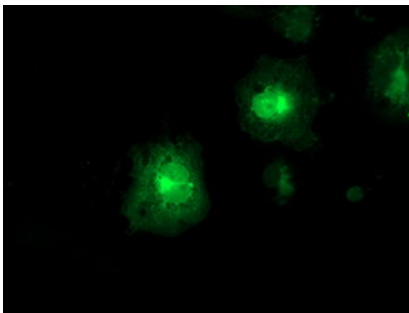
**All lanes :** Anti-FDFT1 antibody [OT11H9]  
(ab119267) at 1/2000 dilution

**Lane 1 :** HEK-293T (human epithelial cell line from embryonic kidney transformed with large T antigen) cells transfected with pCMV6-ENTRY control cDNA for 48 hours

**Lane 2 :** HEK-293T cells transfected with pCMV6-ENTRY FDFT1 cDNA for 48 hours

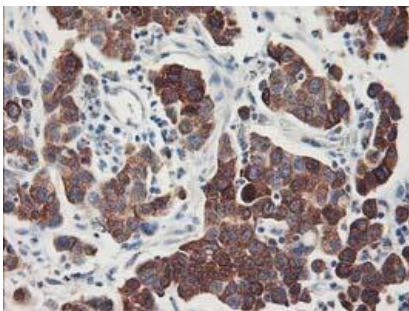
Lysates/proteins at 5 µg per lane.

**Predicted band size:** 48 kDa



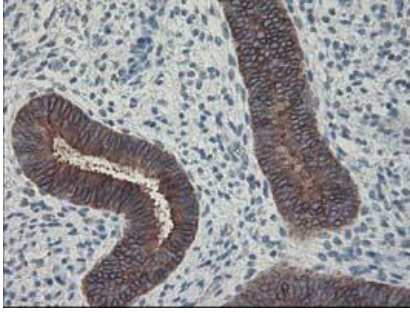
Immunocytochemistry/ Immunofluorescence - Anti-FDFT1 antibody [OT11H9] (ab119267)

COS-7 (African green monkey kidney fibroblast-like cell line) cells transiently transfected with pCMV6-ENTRY FDFT1 cDNA, stained for FDFT1 (green) using ab119267 at 1/100 in ICC/IF.



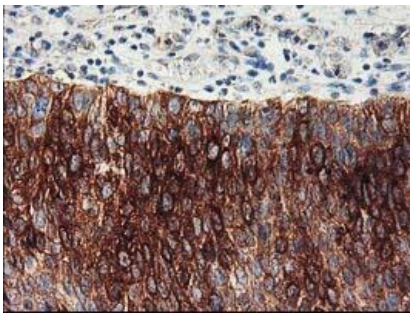
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FDFT1 antibody [OT11H9]  
(ab119267)

Paraffin-embedded human lung carcinoma stained for FDFT1 using ab119267 at 1/150 dilution in immunohistochemical analysis.



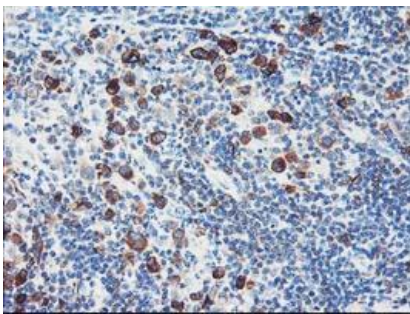
Paraffin-embedded human endometrium stained for FDFT1 using ab119267 at 1/150 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FDFT1 antibody [OT11H9] (ab119267)



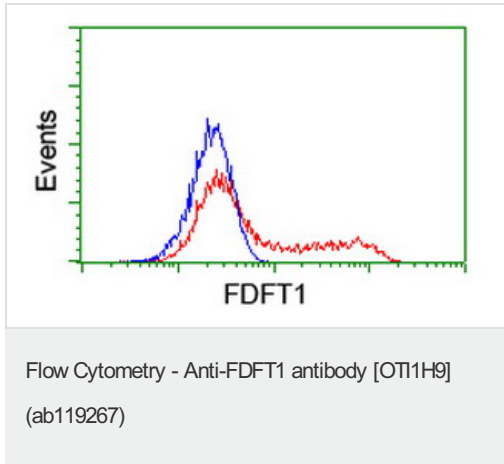
Paraffin-embedded human bladder carcinoma stained for FDFT1 using ab119267 at 1/150 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FDFT1 antibody [OT11H9] (ab119267)



Paraffin-embedded human lymphoma stained for FDFT1 using ab119267 at 1/150 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FDFT1 antibody [OT11H9] (ab119267)



Flow cytometry analysis of HEK-293T (human epithelial cell line from embryonic kidney transformed with large T antigen) cells transfected with either FDFT1 overexpressing plasmid (Red) or empty vector control plasmid (Blue), immunostained with anti-FDFT1 antibody ab119267, at 1/100.

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