

Product datasheet

Anti-FDFT1 antibody [1H9] ab119267

1 References 7 Images

Overview

Product name	Anti-FDFT1 antibody [1H9]
Description	Mouse monoclonal [1H9] to FDFT1
Host species	Mouse
Tested applications	Suitable for: WB, IHC-P, Flow Cyt, ICC/IF
Species reactivity	Reacts with: Human
Immunogen	Full length recombinant protein of Human FDFT1 produced in HEK293T cell (NP_004453).
Positive control	Carcinoma of Human lung tissue, Carcinoma of Human bladder tissue, Human endometrium tissue, Human lymphoma tissue, COS7 cells transiently transfected with FDFT1 cDNA, HEK293T cells transfected with FDFT1 cDNA

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 48% PBS, 50% Glycerol, 1% BSA
Purity	IgG fraction
Purification notes	ab119267 was purified from Mouse ascites fluids.
Clonality	Monoclonal
Clone number	1H9
Isotype	IgG2b

Applications

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

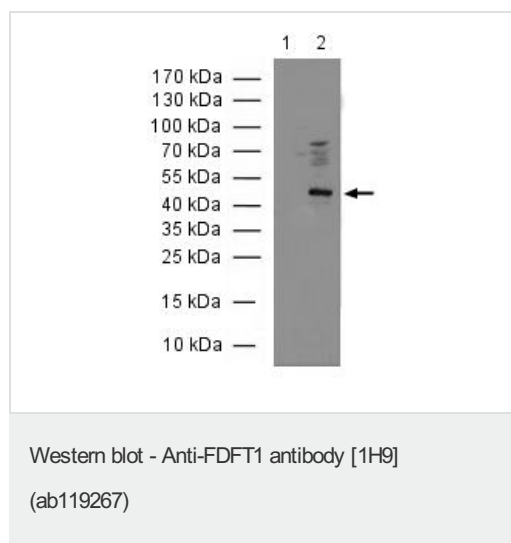
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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

Target

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

Images



All lanes : Anti-FDFT1 antibody [1H9]
(ab119267) (1/2000)

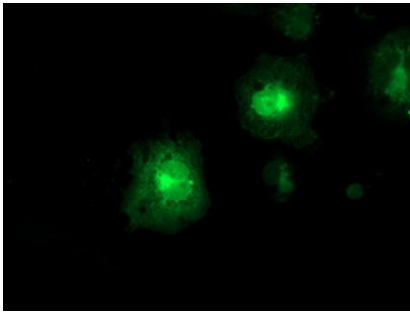
Lane 1 : HEK293T cells transfected with
vector control cDNA for 48 hours

Lane 2 : HEK293T cells transfected with
FDFT1 cDNA for 48 hours

Lysates/proteins at 5 µg per lane.

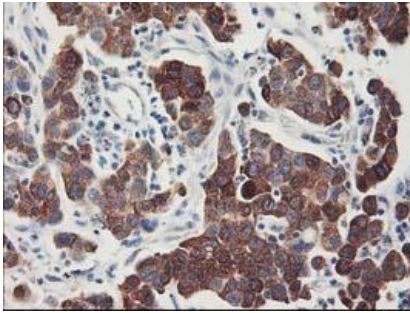
Predicted band size: 48 kDa

HEK293T cell lysates were generated from
transient transfection of the cDNA clone
(RC201392)



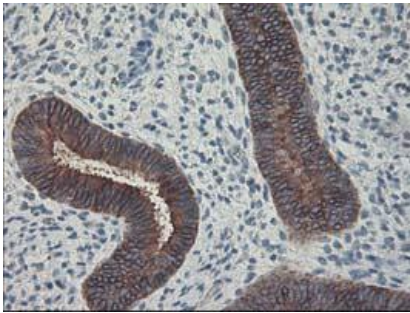
Immunocytochemistry/ Immunofluorescence - Anti-FDFT1 antibody [1H9] (ab119267)

Immunofluorescence image showing ab119267, at 1/100, staining FDFT1 in COS7 cells transiently transfected with plasmid-borne FDFT1.



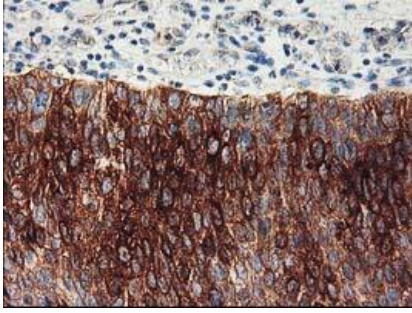
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FDFT1 antibody [1H9] (ab119267)

Immunohistochemical staining of FDFT1 using ab119267, at 1/150, in paraffin-embedded Carcinoma of Human lung tissue.



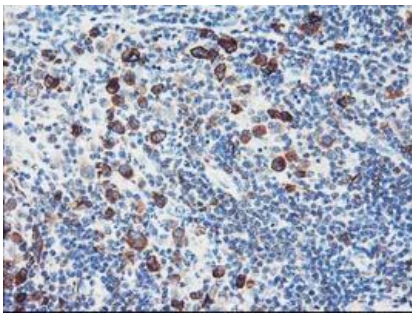
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FDFT1 antibody [1H9] (ab119267)

Immunohistochemical staining of FDFT1 using ab119267, at 1/150, in paraffin-embedded Human endometrium tissue.



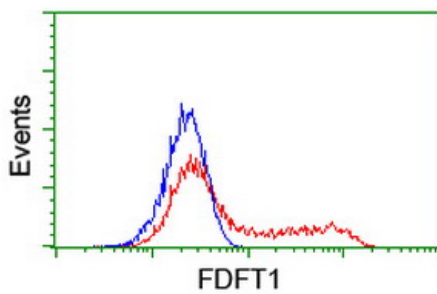
Immunohistochemical staining of FDFT1 using ab119267, at 1/150, in paraffin-embedded Carcinoma of Human bladder tissue.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FDFT1 antibody [1H9] (ab119267)



Immunohistochemical staining of FDFT1 using ab119267, at 1/150, in paraffin-embedded Human lymphoma tissue.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FDFT1 antibody [1H9] (ab119267)



Flow cytometry analysis of HEK293T cells transfected with either FDFT1 overexpressing plasmid (Red) or empty vector control plasmid (Blue), immunostained with anti-FDFT1 antibody ab119267, at 1/100.

Flow Cytometry - Anti-FDFT1 antibody [1H9] (ab119267)

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