

Recombinant

DGRmAb®

SCD1 (DGR15994) Rabbit mAb

db13803

Package : 10μL 20μL 50μL 100μL

Product Name : SCD1 (DGR15994) Rabbit mAb**Cat.No.:** db13803**Synonyms** : FADS5; SCDOS; hSCD1; MSTP008**Application** : WB, IHC-P, ICC/IF, FC, IP**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

This gene encodes an enzyme involved in fatty acid biosynthesis, primarily the synthesis of oleic acid. The protein belongs to the fatty acid desaturase family and is an integral membrane protein located in the endoplasmic reticulum. Transcripts of approximately 3.9 and 5.2 kb, differing only by alternative polyadenylation signals, have been detected. A gene encoding a similar enzyme is located on chromosome 4 and a pseudogene of this gene is located on chromosome 17. [provided by RefSeq, Sep 2015]

Immunogen

Recombinant protein of human SCD1

Gene ID

6319

Swiss Prot

O00767

Synonyms

FADS5; SCDOS; hSCD1; MSTP008

Reactivity

Human,Mouse,Rat

Application

WB, IHC-P, ICC/IF, FC, IP

Recommended dilutionWB: 1:1000
IHC-P: 1:200-1:2000
ICC/IF: 1:100
FC: 1:200-1:500
IP: 1:20-1:50**Calculated MW**

42 kDa

Observed MW

37 kDa

Host species

Rabbit

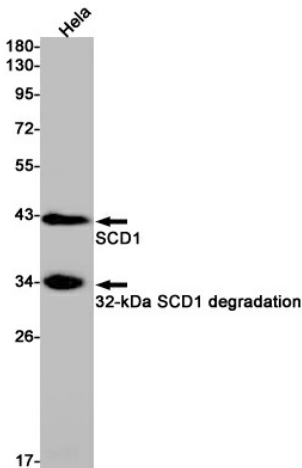
Clonality

Monoclonal

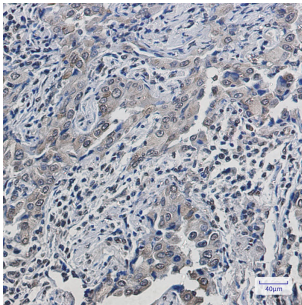
Clonality No.

DGR15994

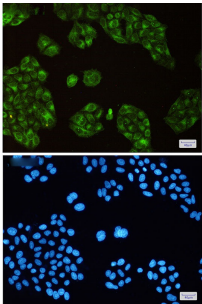
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot detection of SCD1 in HeLa cell lysates using SCD1 antibody(1:1000 diluted).



Immunohistochemical analysis of paraffin-embedded human lung cancer using db13803 antibody.



Immunofluorescent analysis of HeLa cells using db13803 antibody (green), and DAPI (blue).