Datasheet for ABIN185567

anti-SCD antibody (C-Term)

1 Image

Go to Product page

Overview

Quantity:	100 µg
Target:	SCD
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This SCD antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS)

Product Details

Purpose:	Stearoyl-CoA desaturase
Immunogen:	Peptide with sequence C-RIKRTGDGNYKSG, from the C Terminus of the protein sequence according to NP_005054.3.
Sequence:	RIKRTGDGNY KSG
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	SCD
Alternative Name:	SCD (SCD Products)
Background:	SCD, SCD1, HGNC:10571, FADS5, PRO0998 , acyl-CoA desaturase, delta-9-desaturase, fatty acid desaturase, predicted protein of HQ0998, stearoyl-CoA desaturase
Gene ID:	6319
NCBI Accession:	NP_005054
Pathways:	Brown Fat Cell Differentiation

Application Details

Application Notes:	Immunohistochemistry: Paraffin embedded Human Liver and Colon. Recommended concentration: 5 µg/mL. Western Blot: Preliminary experiments gave an approx 30 kDa band in Human Adipose, Brain and Liver lysates after 0.3 µg/mL antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calc Peptide ELISA: antibody detection limit dilution 1:64000.
Comment:	**Flow Cytometry:** Exclusively staining of HepG2 when mixed with Peripheral Blood Lymphocytes.
Restrictions:	For Research Use only

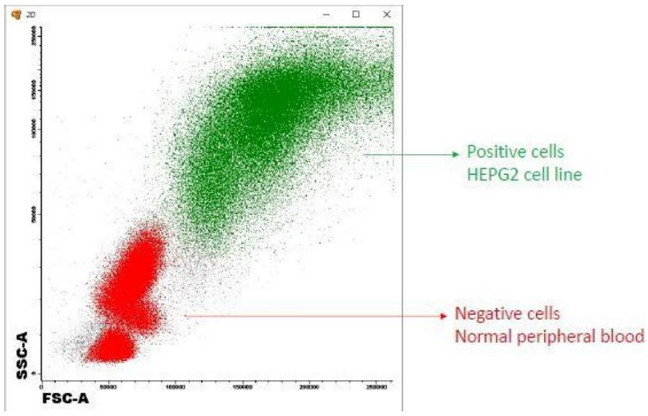
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated

Handling

at 4°C for a few weeks and still remain viable.

Images



Flow Cytometry

Image 1. ABIN185567 (2.5ul) staining of HepG2 cells mixed in with PBL. Detected by fluorescence with PE for SCD in green and with OC515 for CD45 (CYT-450C) in red.