

SCD Conjugated Antibody

Catalog No: #C37896



Package Size: #C37896-AF350 100ul #C37896-AF405 100ul #C37896-AF488 100ul
 #C37896-AF555 100ul #C37896-AF594 100ul #C37896-AF647 100ul
 #C37896-AF680 100ul #C37896-AF750 100ul #C37896-Biotin 100ul

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Description

Product Name	SCD Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total SCD protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human stearyl-CoA desaturase (delta-9-desaturase)
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	SCD1; FADS5; SCDOS; MSTP008
Accession No.	Swiss-Prot#:O00767NCBI Gene ID:6319NCBI mRNA#:NCBI Protein#:NP_056093/O94885
Uniprot	O00767
GeneID	6319;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	42
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250
 AF405 conjugated: most applications: 1: 50 - 1: 250
 AF488 conjugated: most applications: 1: 50 - 1: 250
 AF555 conjugated: most applications: 1: 50 - 1: 250
 AF594 conjugated: most applications: 1: 50 - 1: 250
 AF647 conjugated: most applications: 1: 50 - 1: 250
 AF680 conjugated: most applications: 1: 50 - 1: 250
 AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

This gene encodes an enzyme involved in fatty acid biosynthesis, primarily the synthesis of oleic acid. 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.

Note: This product is for in vitro research use only