Mouse anti-Human ACOT9 Monoclonal Antibody | anti-ACOT9 antibody

ACOT9 (Acyl CoA Thioester Hydrolase 9, Acyl Coenzyme A Thioesterase 9, Acyl CoA Thioesterase 9, ACATE2, CGI-16, MT-ACT48) APC

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA24413	**Mouse**	**Human**	**ELISA, Immunofluorescence, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

ACOT9; Monoclonal Antibody; ACOT9 (Acyl CoA Thioester Hydrolase 9; Acyl Coenzyme A Thioesterase 9; Acyl CoA Thioesterase 9; ACATE2; CGI-16; MT-ACT48) APC; anti-ACOT9 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	4E4
Specificity	Recognizes human ACATE2.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Allophycocyanin (APC).
Applicable Applications for anti-ACOT9 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	IF: 10ug/ml Applications are based on unconjugated antibody.
Immunogen	Full length recombinant corresponding to aa1-213 from ACATE2 (AAH12573) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MRRAALRLCALGKGQLTPGRGLTQGPQNPKKQGIFHIHEVRDKLREIVGASTNWRDHVKAMEERKLLHSFLAKSQDGLPPRRMKDSYIEVLLPLGSEPEL
Conjugate	APC
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo centrifuge the original vial prior to removing the cap.

IMAGES

WB (Western Blot)
ACATE2 monoclonal antibody Western Blot analysis of ACATE2 expression in MCF-7.

Application Data
Detection limit for recombinant GST tagged ACOT9 is ~3ng/ml as a capture antibody.

IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to ACOT9 on HeLa cell. [antibody concentration 10ug/ml]

IHC (Immunohistochemistry)
Immunoperoxidase of monoclonal antibody to ACOT9 on formalin-fixed paraffin-embedded human heart. [antibody concentration 3ug/ml]

WB (Western Blot)
Western Blot analysis of ACOT9 expression in transfected 293T cell line by ACATE2 monoclonal antibody. Lane 1: ACOT9 transfected lysate (24kD). Lane 2: Non-transfected lysate.

WB (Western Blot)
Western Blot detection against Immunogen (49.43kD).

ADDITIONAL INFORMATION

Product Categories/Family for anti-ACOT9 antibody	Antibodies; Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	15214866
NCBI GeneID	23597
Molecular Weight	50,851 Da
NCBI Official Full Name	Homo sapiens acyl-CoA thioesterase 9, mRNA
NCBI Official Synonym Full Names	acyl-CoA thioesterase 9
NCBI Official Symbol	ACOT9
NCBI Official Synonym Symbols	ACATE2; CGI-16; MTACT48; MT-ACT48
NCBI Protein Information	acyl-coenzyme A thioesterase 9, mitochondrial

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/monoclonal/acot9-antibody-clone-4e4-immunofluorescence-immunohistochemistry-western-blot-elisa/24413