10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-LIPA / Lysosomal Acid Lipase Antibody (clone 1F9)

Mouse Anti Human Monoclonal Antibody
Catalog # ALS18183

Product Information

Application	WB, IHC-P, E, IP
Primary Accession	P38571
Predicted	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b,k
Clone Names	1F9
Calculated MW	45419
Concentration (mg/ml)	1 mg/ml

Additional Information

Gene ID	3988
Alias Symbol	LIPA
Other Names	LIPA, Cholesterol ester hydrolase, Cholesteryl esterase, LAL, Lysosomal acid lipase, Lipase A, Sterol esterase, CESD
Target/Specificity	Human LIPA / Lysosomal Acid Lipase
Reconstitution & Storage	Protein A purified
Precautions	Anti-LIPA / Lysosomal Acid Lipase Antibody (clone 1F9) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	LIPA
Function	Catalyzes the deacylation of cholesteryl ester core lipids of endocytosed low density lipoproteins to generate free fatty acids and cholesterol (PubMed:15269241, PubMed:1718995, PubMed:7204383, PubMed:8112342, PubMed:9633819). Hydrolyzes triglycerides (1,2,3- triacylglycerol) and diglycerides (such as 1,2-diacylglycerol and 1,3- diacylglycerol) with preference for the acyl moieties at the sn-1 or sn-3 positions (PubMed:7204383, PubMed:8112342).
Cellular Location	Lysosome {ECO:0000250|UniProtKB:Q64194}.
Tissue Location	Most abundantly expressed in brain, lung, kidney and mammary gland, a moderate expression seen in placenta and expressed at low levels in the liver

and heart.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.