

产品名称: LAL Mouse Monoclonal Antibody
产品货号: AMM80537



产品概述 (Summary)

产品名称 (Production Name)	LAL Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgG2a
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Purified antibody in PBS with 0.05% sodium azide.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	LAL
别名 (Alternative Names)	LAL; CESD; LIPA
基因 ID (Gene ID)	3988.0
蛋白 ID (SwissProt ID)	P38571 .Purified recombinant fragment of LAL expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	45kDa

研究背景 (Background)

Lysosomal acid lipase (LAL), with 378-amino acid protein(43-54 kDa), functions in the lysosome to catalyze the hydrolysis of cholesteryl esters and triglycerides which are taken up by receptor-mediated endocytosis. An inherited deficiency or low

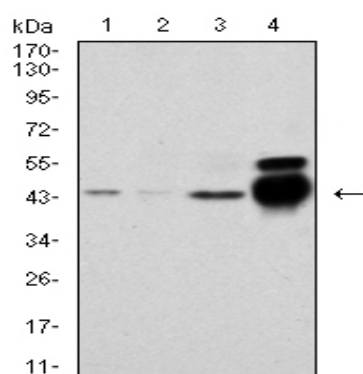
产品名称: LAL Mouse Monoclonal Antibody
产品货号: AMM80537



activity of human lysosomal acid lipase results in the intralysosomal storage of the respective lipid substrates. So it is also responsible for the rare conditions of Wolman disease and cholesteryl ester storage disease (CESD). As the enzyme is synthesized by all nucleated cells, lipid-laden cells are found in all organs, particularly in liver, spleen, the adrenal and the hemopoietic system, and in the intestine as well as in the lymph nodes, lungs, testes, and ovaries.

研究领域 (Research Area)

图片 (Image Data)



Western blot analysis using LAL mouse mAb against A431 (1), A549 (2), PC-3 (3), and COS7 (4) cell lysate.

注意事项 (Note)

For research use only .