ANGIO-PROTEOMIE
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DATA SHEET

Mouse Monoclonal Antibody to LAL

Cataloge Number	sAP-0050
Target Molecule	**Name: LAL** **Aliases:** LAL; CESD; LIPA **MW: N/A** **Entrez Gene ID: 3988**
Descrption	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 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.
Immunogen	Purified recombinant fragment of LAL expressed in E. Coli.
Recitative Species	Human
Clone	MM9G7F12;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS containing 0.03% sodium azide.
Reconstitution/Storages	Reconstitued with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Uta Drebber, Matthias Andersen, Hans U Kasper, et al, World J Gastroenterol. 2005 Apr 21;11(15):2364-6. ; 2. Renata Boldrini, Rita Devito, R.Biselli,et al, Pathol Res Pract. 2004;200(3):231-40. ;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only

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