LAL Mouse Monoclonal Antibody

E10-20061

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 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.

Catalog Number: E10-20061

Amount: 100μg/100μl

Clone Number: 9G7F12,7G6D7

Aliases: LAL; CESD; LIPA

Entrez Gene: 3988

Immunogen: Purified recombinant fragment of LAL expressed in E. Coli.

Storage: Store at 4℃, for long term storage, store at -20℃

Formulation: Purified antibody in PBS containing 0.03% sodium azide.

Species Reactivities: Human

Tested Applications: WB, ELISA. Not yet tested in other applications. Determining optimal working dilutions by titration test.

Application notes: WB.1/500 - 1/2000, ELISA. Propose dilution 1/10000.

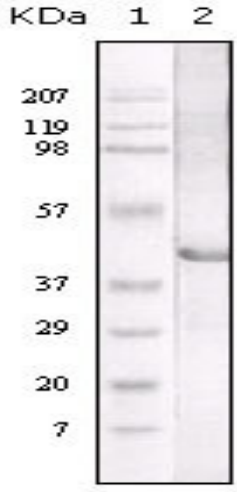

Figure 1. Western blot analysis using LAL mouse mAb against LAL recombinant protein.

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