BT LAB
Bioassay Technology Laboratory

Optimize Your Research

LAL Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA3381
Host	Mouse
Isotype	Mouse IgG2a
Size	100μL, 50μL
Immunogen	Purified recombinant fragment of LAL expressed in E. Coli.
Mol wt	N/A
Species reactivity	Human
Clonality	Monoclonal
Recommended application	Others
Concentration	N/A
Full name	N/A
Synonyms	LAL;CESD;LIPA

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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.

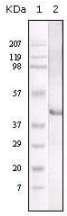
Recommended Dilution

WB: 1:500 - 1:2000

ELISA: 1:10000

Not yet tested in other applications.

Images



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

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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