
LAL (9G7F) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 252646

Unit: 0.1 mg

Description:

LAL (Lysosomal acid lipase) is a 378-amino acid (~43-54 kDa) protein. It is found in the lysosomes 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. 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, also in the intestine as well as in the lymph nodes, lungs, testes and ovaries.

Isotype: Mouse IgG2a

Applications: WB

Species Reactivity: H

Format: Each vial contains 0.1 mg IgG in PBS pH7.4 with 0.03% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Lysosomal acid lipase/cholesteryl ester hydrolase; Acid cholesteryl ester hydrolase; LAL; Cholesteryl esterase; Lipase A; Sterol esterase

Accession No.: P38571

Antigen: Purified recombinant fragment of LAL expressed in E. coli.

Application Notes: WB: 1:500-1:2000

Storage: Store at 4°C for short term use only. Store at -20°C for storage over 1 month. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.