MAJ516Hu21

Monoclonal Antibody to Lecithin Cholesterol Acyltransferase (LCAT)

Organism Species: Homo sapiens (Human)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

9th Edition (Revised in Jul, 2013)

[PRODUCT INFORMATION]

Immunogen: LCAT, Human

Clonality: Monoclonal
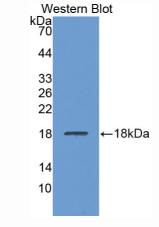
Clone number: G7

Host: Mouse

Immunoglobulin Type: IgG

Purification: Affinity Chromatography.

Applications: WB, ICC, IHC-P, IHC-F, ELISA

Concentration: 500µg/mL

UOM: 200µg

Western Blot

Sample: Recombinant LCAT, Human

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant LCAT (Ile290~Ser433) expressed in *E.coli*.

Accession No.: RPJ516Hu01

Sequence: The target protein is fused with N-terminal His-Tag and its sequence is listed below.

MGHHHHHHSGSEF-I STPSFNYTGR DFQRFFADLH FEEGWYMWLQ SRDLLAGLPA

PGVEVYCLYG VGLPTPRTYI YDHGFPYTDP VGVLYEDGDD TVATRSTELC GLWQGRQPQP

VHLLPLHGIQ HLNMVFSNLT LEHINAILLG AYRQGPPASP TAS

[ANTIBODY SPECIFITY]

The antibody is a mouse monoclonal antibody raised against LCAT. It has been selected for its ability to recognize LCAT in immunohistochemical staining and western blotting.

[APPLICATIONS]

Western blotting: 1:100-400

Immunocytochemistry in formalin fixed cells: 1:100-500

Immunohistochemistry in formalin fixed frozen section: 1:100-500

Immunohistochemistry in paraffin section: 1:50-200

Enzyme-linked Immunosorbent Assay: 1:100-200

Optimal working dilutions must be determined by end user.

[CONTENTS]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN_3, 50% glycerol.

[STORAGE]

Store at 4°C for frequent use. Stored at -20°C to -80°C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.