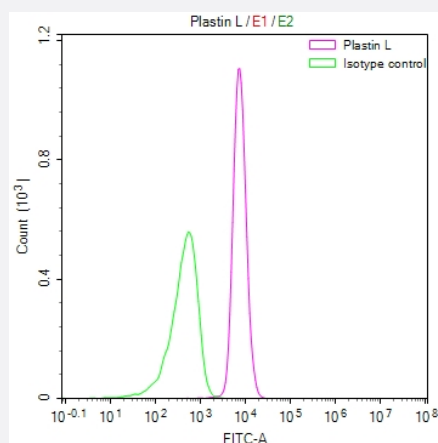


RecomAb™

LCP1 recombinant monoclonal antibody, clone 29G10

Catalog # RAB07676 Size 100 uL

Applications



Flow Cytometry

Overlay Peak curve showing Raji cells stained with LCP1 recombinant monoclonal antibody, clone 29G10 (red line) at 1:50.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human LCP1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human LCP1.
Reactivity	Human
Form	Liquid
Purification	Affinity chromatography purification
Isotype	IgG
Recommend Usage	ELISA Flow Cytometry(1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150 mM NaCl, 0.02% sodium azide and 50% glycerol)

Storage Instruction

Store at -20°C or -80°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Flow Cytometry

Overlay Peak curve showing Raji cells stained with LCP1 recombinant monoclonal antibody, clone 29G10 (red line) at 1:50.

Gene Info — LCP1

Entrez GeneID[3936](#)**Protein Accession#**[P13796](#)**Gene Name**

LCP1

Gene Alias

CP64, DKFZp781A23186, FLJ25423, FLJ26114, FLJ39956, L-PLASTIN, LC64P, LPL, PLS2

Gene Description

lymphocyte cytosolic protein 1 (L-plastin)

Omim ID[153430](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

Plastins are a family of actin-binding proteins that are conserved throughout eukaryote evolution and expressed in most tissues of higher eukaryotes. In humans, two ubiquitous plastin isoforms (L and T) have been identified. Plastin 1 (otherwise known as Fimbrin) is a third distinct plastin isoform which is specifically expressed at high levels in the small intestine. The L isoform is expressed only in hemopoietic cell lineages, while the T isoform has been found in all other normal cells of solid tissues that have replicative potential (fibroblasts, endothelial cells, epithelial cells, melanocytes, etc.). However, L-plastin has been found in many types of malignant human cells of non-hemopoietic origin suggesting that its expression is induced accompanying tumorigenesis in solid tissues. [provided by RefSeq]

Other Designations

L-plastin|L-plastin (Lymphocyte cytosolic protein 1) (LCP-1) (LC64P)|Lymphocyte cytosolic protein-1 (plasmin)|OTTHUMP00000018362|bA139H14.1 (lymphocyte cytosolic protein 1 (L-plastin))|plastin 2

Disease

- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)