



# Mouse Anti-Human LCP1 monoclonal antibody, clone TQN525 (CABT-B10551)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Immunogen</b>	Recombinant protein corresponding to human LCP1.
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Clone</b>	TQN525
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB 1:100-1,000; IP 1-2 µg per 100-500 µg of total protein; IF 1:50-500; IHC-P 1:50-500; ELISA 1:30-3,000  Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	200 µg
<b>Buffer</b>	PBS with 0.1% sodium azide and 0.1% gelatin
<b>Preservative</b>	0.1% sodium azide
<b>Storage</b>	Store at 4°C.

# BACKGROUND

**Introduction**

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, Jul 2008]

**Keywords**

LCP1; lymphocyte cytosolic protein2(L-plastin); plastin-2; CP64; L PLASTIN; LC64P; plastin 2; PLS2; LCP-1; Lymphocyte cytosolic protein-1 (plasmin); bA139H14.1 (lymphocyte cytosolic protein2(L-plastin)); L-plastin (Lymphocyte cytosolic protein 1) (LCP-1) (LC64P); LPL; L-PLASTIN; FLJ25423; FLJ26114; FLJ39956; DKFZp781A23186;

# GENE INFORMATION

**Entrez Gene ID**

[3936](#)

**UniProt ID**

[P13796](#)

**Function**

actin binding; actin filament binding; calcium ion binding; calcium ion binding; identical protein binding;