



## PLSL Monoclonal Antibody

Catalog No         BYmab-04888           Isotype         IgG           Reactivity         Human;Mouse           Applications         WB           Gene Name         LCP1 PLS2           Protein Name         Plastin-2 (L-plastin) (LC64P) (Lymphocyte cytosolic protein 1) (LCP-1)           Immunogen         Synthesized peptide derived from human protein . at AA range: 1-80           Specificity         PLSL Monoclonal Antibody detects endogenous levels of protein.           Formulation         Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.           Source         Monoclonal, Mouse, IgG           Purification         The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.           Dilution         WB 1:500-2000           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms         Observed Band         68kD           Cell Pathway         68kD           Cell Pathway         Cytoplasm, cytoskeleton . Cell junction . Cell projection . Cell projection , ruffle membrane ; Peripheral membrane protein ; Cytoplasmic side . Relocalizes to the immunological synapse between peripheral blood T-lymphocytes and antibody-presenting cells in response to costimulation through ToRCD3 and CD2 or CD28 (PubMed:17294403), Associated with the actin cytoskeleton at		
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Nanjing BYabscience technology Co.,Ltd

网址: www.njbybio.com 官方热线: 025-5229-8998 监督电话: 15950492658

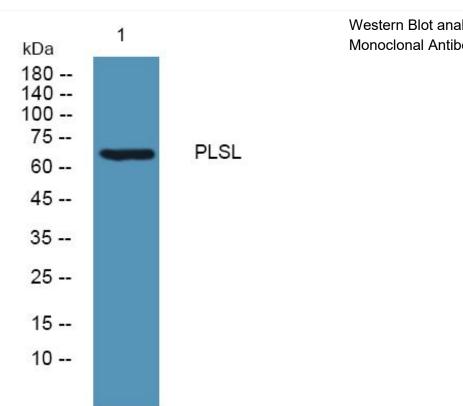


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	lymph node-containing organs. Expressed in neutrophils, monocytes, B lymphocytes, and myeloid cells.,
Background	Plastins are a family of actin-binding proteins that are conserved throughout eukaryote evolution and expressed in most tissues of higher 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],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## **Products Images**



Western Blot analysis of various cells using PLSL Monoclonal Antibody

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