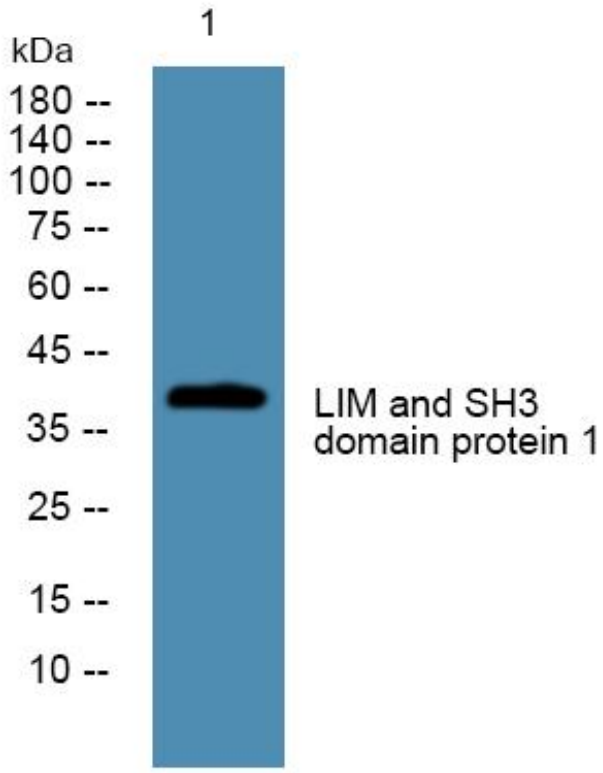
LIM and SH3 domain protein 1 Monoclonal Antibody

Catalog No	YP-mAb-10766
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	LASP1 MLN50
Protein Name	LIM and SH3 domain protein 1
Immunogen	Synthesized peptide derived from human LIM and SH3 domain protein 1. at AA range: 90-130
Specificity	This antibody detects endogenous levels of LIM and SH3 domain protein 1
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA 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 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	LIM and SH3 domain protein 1 (LASP-1) (Metastatic lymph node gene 50 protein) (MLN 50)
Observed Band	38kD
Cell Pathway	Cytoplasm, cell cortex . Cytoplasm, cytoskeleton . Associated with the F-actin rich cortical cytoskeleton. .
Tissue Specificity	Epithelium,Liver,Mammary carcinoma,Platelet,Skin,T-cell,
Function	function:Plays an important role in the regulation of dynamic actin-based, cytoskeletal activities. Agonist-dependent changes in LASP1 phosphorylation may also serve to regulate actin-associated ion transport activities, not only in the parietal cell but also in certain other F-actin-rich secretory epithelial cell types.,PTM:Phosphorylated.,similarity:Contains 1 LIM zinc-binding domain.,similarity:Contains 1 SH3 domain.,similarity:Contains 2 nebulin repeats.,subcellular location:Associated with the F-actin rich cortical cytoskeleton.,subunit:Interacts with F-actin.,
Background	This gene encodes a member of a subfamily of LIM proteins, characterized by a LIM motif and a domain of Src homology region 3, and also a member of the nebulin family of actin-binding proteins. The encoded protein is a cAMP and cGMP dependent signaling protein and binds to the actin cytoskeleton at extensions of the cell membrane. The encoded protein has been linked to

	metastatic breast cancer, hematopoetic tumors such as B-cell lymphomas, and colorectal cancer. [provided by RefSeq, Oct 2012],
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 LIM and SH3 domain protein 1 Monoclonal Antibody