



MRLC2 (phospho Ser18) Monoclonal Antibody

Catalog No	BYmab-03052
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	MYL9
Protein Name	Myosin regulatory light polypeptide 9
Immunogen	The antiserum was produced against synthesized peptide derived from human Myosin regulatory light chain 2 around the phosphorylation site of Ser18. AA range:3-52
Specificity	Phospho-MRLC2 (S18) Monoclonal Antibody detects endogenous levels of MRLC2 protein only when phosphorylated at S18.
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 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	MYL9; MLC2; MRLC1; MYRL2; Myosin regulatory light polypeptide 9; 20 kDa myosin light chain; LC20; MLC-2C; Myosin RLC; Myosin regulatory light chain 2; smooth muscle isoform; Myosin regulatory light chain 9; Myosin regulatory light chain MRL
Observed Band	36850DA
Cell Pathway	Cytoplasm, cytoskeleton . Cytoplasm, cell cortex . Colocalizes with F-actin, MYH9 and PIEZO1 at the actomyosin cortex in myoblasts. .
Tissue Specificity	Smooth muscle tissues and in some, but not all, nonmuscle cells.
Function	
Background	

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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