

35-1354: Polyclonal Antibody to MLC2 (Phospho-Tyr118)

Clonality :	Polyclonal
Application :	WB,IF
Reactivity :	Human
Gene :	MYL2
Gene ID :	4633
Uniprot ID :	P10916
Format :	Purified
Alternative Name :	MLC2, MRLC1, MYRL2
Isotype :	Rabbit IgG
Immunogen Information :	Peptide sequence around phosphorylation site of tyrosine 118 (A-D-Y(p)-V-R) derived from Human MLC2.

Description

Myosin regulatory subunit that plays an important role in regulation of both smooth muscle and nonmuscle cell contractile activity via its phosphorylation. Implicated in cytokinesis, receptor capping, and cell locomotion.

Product Info

Amount :	50 µl / 100 µl
Content :	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Western blotting: 1:500~1:1000

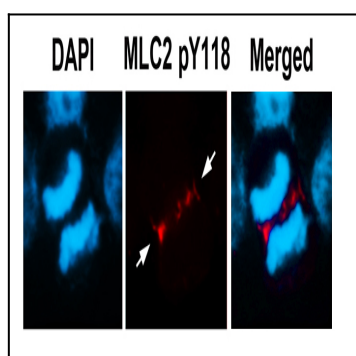
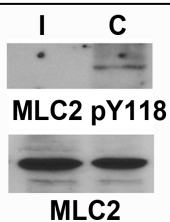


Figure 1: Immunofluorescence staining of methanol-fixed U87 cells using MLC2 (Phospho-Tyr118) Antibody 35-1354 .



U87 cells were synchronized in I (interphase) and C (Cytokinesis) respectively, then were harvested for immunoblotting.