



**RABBIT ANTI-MYOSIN, SMOOTH AND NON-MUSCLE
REGULATORY LIGHT CHAIN, phosphoSer19
POLYCLONAL ANTIBODY**

CATALOG NUMBER:	AB3381
LOT NUMBER:	XXXXXX
QUANTITY:	100 µg
CONCENTRATION:	0.92 mg/mL
SPECIFICITY:	Myosin, human, smooth and non-muscle regulatory light chain, phosphoSer19. By Western blot the antibody recognizes the ~20 kDa phosphorylated protein. The immunogen sequence differs from that of the sarcomeric/cardiac form of myosin regulatory light chain. The antibody recognizes monophosphorylated (pSer19) and diphosphorylated (pThr18-pSer19) forms of the protein. Reactivity to non-phosphorylated human myosin, smooth and non-muscle regulatory light chain is minimal (less than 1%) by ELISA.
IMMUNOGEN:	Synthetic phospho peptide from human myosin, smooth and non-muscle regulatory light chain.
APPLICATIONS:	Western blot: 1:1,000-1:5,000 using ECL. ELISA: 1:120,000 – 1:135,000 Immunohistochemistry: 2.5 µg/mL Optimal working dilutions must be determined by the end user.
SPECIES REACTIVITIES:	Human and mouse. Other species have not been tested.
FORMAT:	Affinity purified immunoglobulin.
PRESENTATION:	Liquid in 0.02M Potassium phosphate, pH 7.2 with 0.15 M Sodium chloride and 0.01% sodium azide.
STORAGE/HANDLING:	Maintain at -20°C in undiluted for up to 6 months after date of receipt. Avoid repeated freeze/thaw cycles. Do not store in a self-defrosting freezer.

Important Note: *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.*

FOR RESEARCH USE ONLY; NOT FOR USE IN DIAGNOSTIC
PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION

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