

Anti β -Actin Monoclonal Antibody

Catalog No.	■	LT9999, 50ug, lyophilized with PBS, pH7.4
Description	■	Anti- β -Actin (BA3R) Loading Control Monoclonal Antibody
Clonality	■	BA3R
Host Species Isotype	■	Mouse IgG2b
Immunogen	■	β -Actin N-terminal peptide-KLH conjugates
Specificity	■	Recognizes native and denatured forms of β -Actin (~42kDa)
Cross Reactivity	■	β -Actin from human, mouse, rat, rabbit, and chicken. β -Actin from other species may also be detectable
Purification	■	Protein A affinity chromatography from mouse ascites fluid
Application	■	Dot, ELISA, IS, WB
Working Condition	■	WB (with ECL): 1:1000-3000 dilutions (incubate for 1 hour at room temperature) IS: 1:500-2000 dilution. For best results with other assays (e.g.: Dot, ELISA, etc), please determine optimal working dilution by titration test. Reconstitute the lyophilized antibody with deionized water (or equivalent) to a final concentration of 50ug/50ul.
Storage	■	Store at -20°C for up to 2 years. Centrifuge after first thaw to maximize product recovery. Aliquot to avoid repeated freeze-thaw cycles. Store aliquots at 4°C for 1-2 weeks

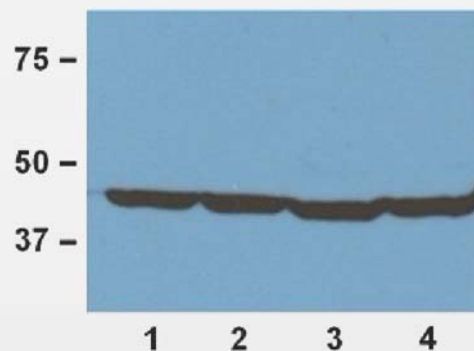


Fig. 1:1000 (1 μ g/mL) Ab dilution used in WB of 20 μ g/lane tissue lysates from human (1), mouse (2), rat (3), and rabbit (4)