

Anti GAPDH Monoclonal Antibody

Catalog No.	■	LT9995, 50ug, lyophilized with PBS, pH7.4
Description	■	Anti-GAPDH (GA1R) Loading Control Monoclonal Antibody
Clonality	■	GA1R
Host Species Isotype	■	Mouse IgG1
Immunogen	■	Recombinant GAPDH
Specificity	■	Recognizes native and denatured forms of GAPDH (~37kDa)
Cross Reactivity	■	GAPDH from BL-21 bacteria, Sf9 insect, Saccharomyces cerevisiae (yeast), human, mouse, rat, rabbit, chicken, and hamster. GAPDH 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): 1:1000-100,000 dilution (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. LEFT: 1:2000 (0.5µg/mL) Ab dilution used in WB of 5µg/lane tissue lysates from human (1), mouse (2), rat (3), rabbit (4), chicken (5), and hamster (6). RIGHT: WB from BL-21 bacteria (1), Sf9 insect (2), and Saccharomyces cerevisiae (3)