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  ■  Mouse

Isotype  ■  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).