

# Anti-GAPDH

Cat. # Y1040, Y1041

<b>Also Known as:</b>	Anti-GAPDH (GA1R) Loading Control Mouse Monoclonal Antibody
<b>Isotype:</b>	Mouse IgG1
<b>Clone</b>	GA1R
<b>MW:</b>	~55/25 kDa
<b>Species:</b>	Human
<b>Immunogen:</b>	Recombinant GAPDH
<b>Concentration:</b>	1 µg/µl
<b>Stock Buffer:</b>	10 mM PBS (pH 7.2), 10% Glycerol, 0.09% NaN <sub>3</sub> (sodium azide)
<b>Specificity:</b>	Recognizes native and denatured forms of GAPDH (~37kDa)
<b>Purification:</b>	Protein A affinity chromatography from mouse ascites fluid
<b>Applications:</b>	Dot, ELISA, IP, IS, WB
<b>Cross Reactivity:</b>	GAPDH from BL-21 bacteria, Sf9 insect, <i>Saccharomyces cerevisiae</i> (yeast), human, mouse, rat, rabbit, chicken, and hamster. GAPDH from other species may also be detectable
<b>Quality Assurance:</b>	Guaranteed for detecting endogenous GAPDH in 20 µg cell or tissue lysates
<b>Working Conditions:</b>	WB (with ECL): 1:1000-100,000 dilution For best results with other assays (e.g.: Dot, ELISA, IS, etc), please determine optimal working dilution by titration test

## Image:

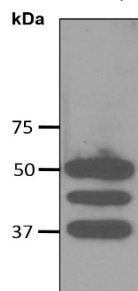


Figure 1. Three loading control mAbs reacting against 10 µg/lane of mouse brain tissue lysates. 50 kDa band is Anti-β-Tubulin (BT7R) at 1:2000 dilution (0.5 µg/ml); 42 kDa band is Anti-β-Actin (BA3R) at 1:1000 dilution (1 µg/ml); 37 kDa band is Anti-GAPDH (GA1R) at 1:5000 dilution (0.2 µg/ml)

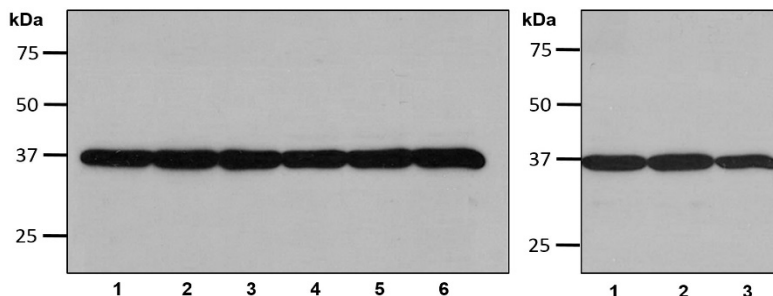


Figure 2. Left: 1:2000 (0.5 µg/mL) Ab dilution used in WB of 5 µg/lane tissue lysates from human (1), mouse (2), rat (3), rabbit (4), chicken (5), and hamster (6). Right: WB from BL-21 bacteria (1), Sf9 insect (2), and *Saccharomyces cerevisiae* (3)

<b>Storage:</b>	Store at -20°C. Centrifuge after first thaw to maximize product recovery. Aliquot to avoid repeated freeze-thaw cycles.
<b>Note:</b>	N/A