

GAPDH Mouse Monoclonal Antibody (GA1R)

CATALOG NUMBER: C1312

QUANTITY: 100 μ L 250 μ L

DESCRIPTION: Glyceraldehyde 3 phosphate dehydrogenase (GAPDH) is well known as one of the key enzymes involved in glycolysis. GAPDH is constitutively expressed in almost all tissues at high levels, therefore antibodies against GAPDH are useful as loading controls for Western Blotting. Some physiological factors, such as hypoxia and diabetes, increase GAPDH expression in certain cell types.

SPECIFICITY: H, R, M, Mk, Dg, Ch, Hm, Rb, Pg, Sh^[1]

ISOTYPE: IgG1

MOLECULAR WEIGHT: 37KDa

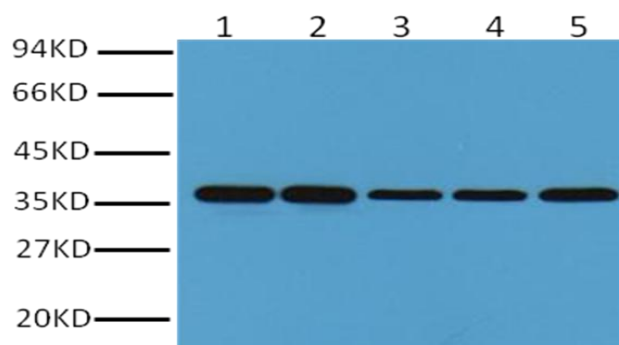
TESTED APPLICATIONS: Western Blot, Immunoprecipitation, Immunofluorescence
IP ELISA

APPLICATIONS: Western blot: 1:1,000-1:8,000
Immunoprecipitation or immunostaining: 1:500-1: 2,000
ELISA on recombinant proteins: 1:500-1:2,000

***NOTE:** Optimal working dilutions must be determined by the end user

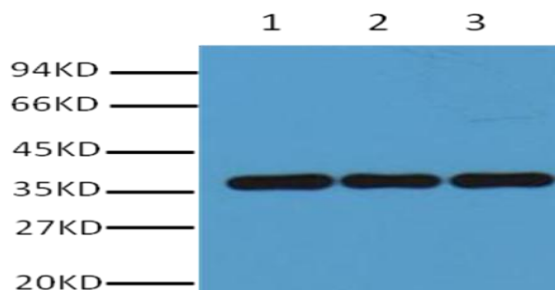
STORAGE/HANDLING: PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol. Store at -20°C. **Do not aliquot the antibody.**

Western Blot



Western blot analysis of HeLa (1), Rat brain (2), Rabbit Muscle (3), Sheep Muscle (4) and Mouse brain (5)

with GAPDH mouse mAb(2B8) diluted at 1:10,000.



Western blot analysis of Chicken Muscle (1), Hamster Lung (2), Pig Heart (3), with GAPDH mouse mAb(2B8) diluted at 1:10,000.

For research use only; not for use as a diagnostic.

Important Note: The product listed herein is for research use only and is not intended for use in human or clinical diagnosis. Nothing disclosed herein is to be construed as a recommendation to use this product in violation of any patents. The information presented above is believed to be accurate. However, information and product are offered without warranty or guarantee since the ultimate conditions of use and the variability of the materials treated are beyond our control. We cannot be responsible for patent infringements or other violations that may occur with the use of this product. No claims beyond replacement of unacceptable material or refund of purchase price shall be allowed.

[1] H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster
Rb-Rabbit Pg-Pig Sh-Sheep