

Anti-GAPDH Monoclonal Antibody

PRODUCT NAME: Anti-GAPDH Monoclonal Antibody

CATALOG NUMBER: U33-741A

LOT NUMBER: U33022

ISOTYPE: Mouse IgG1

Clone NO: 1B20

SOURCE: Mouse Ascites

QUANTITY: 100ul/400ul

DESCRIPTION: Monoclonal antibody is produced by immunizing mouse with synthetic peptide [CRLEKPAKYDDIKK], coupled to KLH.

REACTIVITY: human, mouse, African green monkey

APPLICATIONS: Western Blot, Immunoprecipitation

BUFFER: 1×PBS with 50% glycerol

PROTEIN CONCENTRATION: 0.5 mg/ml

APPLICATION NOTES: Western Blot: 1µg/ml

STORAGE/STABILITY: Antibody is recommended being stored at -20°C. Avoid repeated freeze-thaw cycle.

Background:

The enzyme glyceraldehydes-3-phosphate dehydrogenase is a tetramer of identical chains that catalyzes the reversible oxidative phosphorylation of glyceraldehydes-phosphate in the presence of inorganic phosphate and nicotinamide adenine dinucleotide. This is an important energy-yielding step in carbohydrate metabolism. GAPDH is found in almost all species with low rate of evolutionary changes.