

GAPDH (1A10) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 252626

Unit: 0.1 ml

Description:

GAPDH (Glyceraldehyde-3-phosphate dehydrogenase) is well known as one of the key enzymes involved in glycolysis. It catalyzes an important energy-yielding step in carbohydrate metabolism, the reversible oxidative phosphorylation of glyceraldehyde-3-phosphate in the presence of inorganic phosphate and nicotinamide adenine dinucleotide (NAD). The enzyme exists as a tetramer of identical chains. Besides its functioning as a glycolytic enzyme in cytoplasm, recent evidence suggest that mammalian GAPDH is also involved in a great number of intracellular processes such as membrane fusion, microtubule bundling, phosphotransferase activity, nuclear RNA export, DNA replication and DNA repair.

Isotype: Mouse IgG1

Applications: E, IF, IHC, WB

Species Reactivity: H

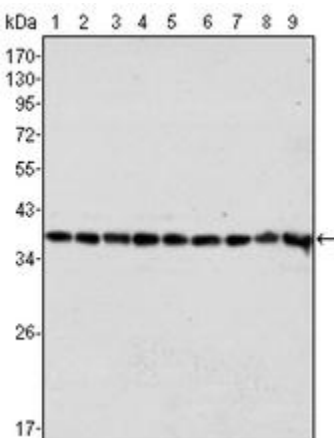
Format: Each vial contains 0.1 ml ascitic fluid with 0.03% sodium azide.

Alternate Names: Glyceraldehyde-3-phosphate dehydrogenase; Peptidyl-cysteine S-nitrosylase GAPDH; GAPD; GAPDH

Accession No.: P04406

Antigen: Purified recombinant fragment of human GAPDH expressed in *E. coli*.

Application Notes: E: 1:10000; WB: 1:500-1:2000; IHC: 1:200-1:1000; IF: 1:200-1:1000



The GAPDH (1A10) Antibody (Cat. No. 252626) is used in Western blot to detect GAPDH in human cell lysates.

Lanes 1-9: HeLa, A549, A431, MCF-7, K562, Jurkat, HL60, SKN-SH, SKBR-3.

Storage: Store at 4°C for short term use only. Store at -20°C for storage over 1 month. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.