Product datasheet for TA802519

GAPDH Mouse Monoclonal Antibody [Clone ID: OTI2D9]

Product data:

Product Type: Primary Antibodies
Clone Name: OTI2D9
Applications: WB
Recommend Dilution: WB 1:1000
Reactivity: Human, Monkey, Mouse, Rat, Dog
Host: Mouse
Isotype: IgG1
Clonality: Monoclonal
Immunogen: Full length human recombinant protein of human GAPDH (NP_002037) produced in HEK293T cell.
Formulation: PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration: 1 mg/ml
Purification: Purified from cell culture supernatant by affinity chromatography
Predicted Protein Size: 35.9 kDa
Gene Name: glyceraldehyde-3-phosphate dehydrogenase
Database Link: NP_002037 Entrez Gene 14433 MouseEntrez Gene 24383 RatEntrez Gene 403755 DogEntrez Gene 574353 MonkeyEntrez Gene 2597 Human

Background: The product of this gene 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. Many pseudogenes similar to this locus are present in the human genome. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Feb 2012]

Synonyms: G3PD; GAPD; HEL-S-162eP
Protein Families: ES Cell Differentiation/IPS
Protein Pathways: Alzheimer’s disease, Glycolysis / Gluconeogenesis, Metabolic pathways

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Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-GAPDH monoclonal antibody.

Figure from citation: Western Blot of GAPDH protein level by using anti-GAPDH antibody in human renal cells. [View Citation]

Figure from citation: Western Blot of GAPDH protein level by using anti-GAPDH antibody in human pancreatic adenocarcinoma cell lines. Dilution: 1:2500 [View Citation]
Figure from citation: Western Blot of GAPDH protein level by using anti-GAPDH antibody in human K562 cells. Dilution: 1:1000 View Citation

Figure from citation: Western Blot of GAPDH protein level by using anti-GAPDH antibody in HEK293 cells. Dilution: 1:500 View Citation

Figure from citation: Western blot analysis of GAPDH protein level by using anti-GAPDH antibody in SAOS-2 cells. Dilution: 1:2000 View Citation
Figure from citation: Western blot analysis of GAPDH protein level by using anti-GAPDH antibody (TA802519) in various cell lines, GAPDH used as loading control. View Citation

Figure from citation: Western blot analysis of GAPDH protein level by using anti-GAPDH antibody in fibroblasts, GAPDH used as loading control. View Citation