Data Sheet (Cat.No.TMAY-00245)

TargetMol

Anti-GAPDH Antibody (9P597)

Product Details

Ig Type:	Mouse IgG1
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	9P597
Purification:	Protein A

Applications

Verified Activity:	Anti-GAPDH mouse monoclonal antibody at 1:1000 dilution. -Lane A: Hela Whole Cell Lysate. -Lane B: Jurkat Whole Cell Lysate. -Lane C: HepG2 Whole Cell Lysate. -Lane D: MCF7 Whole Cell lysate. -Lysates/proteins at 30 µg per lane. -Secondary -Goat Anti-Mouse IgG (H+L)/HRP at 1/10000 dilution. -Developed using the ECL technique. -Performed under reducing conditions. -Predicted band size:36 kDa. -Observed band size:36 kDa
Application:	WB
Recommended	WB: 1:500-1:2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human GAPDH Protein (TMPY-02446)
Antigen Species:	Human
Synonyms:	glyceraldehyde-3-phosphate dehydrogenase;GAPD;HEL-S-162eP;G3PD
Biology Area:	Adaptor Proteins

Research Background

Glyceraldehyde 3-phosphate dehydrogenase (GAPDH or G3PDH) is an enzyme of about 37kDa that is consisdered as a cellular enzyme involved in glycolysis. It catelyzes the sixth step of glycolysis. Glyceraldehyde-3-phosphate dehydrogenase (GAPDH) is a pleiotropic enzyme that is overexpressed in apoptosis and in several human chronic pathologies. Its role as a mediator for cell death has also been highlighted. A recent report suggests that GAPDH may be genetically associated with late-onset of Alzheimer's disease. Besides, deprenyl, which has originally been used as a monoamine oxidase inhibitor for Parkinson's disease, binds to GAPDH and displays neuroprotective

actions.

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481