

GAPDH Loading Control Antibody (8S504)

Product Details

Ig Type:	Mouse IgG1
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	8S504
Purification:	Protein A

Applications

1. Anti-GAPDH mouse monoclonal antibody at 1:500 dilution.

-Lane A: Jurkat Whole Cell Lysate.

-Lane B: Hela Whole Cell Lysate.

-Lane C: MCF7 Whole Cell Lysate.

-Lane D: MCF7 whole cell Lysate.

-Lane E: PC-3 whole cell Lysate.

-Lane F: Daudi whole cell Lysate.

-Lane G: A549 whole cell Lysate.

-Lane H: Rat heart tissue Lysate.

-Lane I: Rat liver tissue Lysate.

-Lane J: Rat spleen tissue Lysate.

-Lane K: Rat lung tissue Lysate.

Verified Activity: -Lane L: Rat kidney tissue Lysate.

-Lane M: Rat brain tissue lysate.

-Lysates/proteins at 30 µg per lane.

-Secondary

-Goat Anti-Mouse IgG H&L (Dylight800) at 1/15000 dilution.

-Developed using the Odyssey technique.

-Performed under reducing conditions.

-Predicted band size: kDa.

-Observed band size:38 kDa.

2. Immunochemical staining of human GAPDH in human renal carcinoma with mouse monoclonal antibody at 1:200 dilution, formalin-fixed paraffin embedded sections.

3. Immunochemical staining of human GAPDH in human cirrhosis with mouse monoclonal antibody at 1:200 dilution, formalin-fixed paraffin embedded sections.

Application: IHC-P,WB

Recommended WB: 1:500-1:2000; IHC-P: 1:100-1:500

A DRUG SCREENING EXPERT

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: A synthetic peptide: center region of the human GAPDH

Antigen Species: Human

Synonyms: HEL-S-162eP;G3PD;glyceraldehyde-3-phosphate dehydrogenase;GAPD

Biology Area: Adaptor Proteins

Research Background

Glyceraldehyde 3-phosphate dehydrogenase (GAPDH or G3PDH) is an enzyme of about 37kDa that is considered as a cellular enzyme involved in glycolysis. It catalyzes 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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