Anti-GAPDH antibody [1A10] (STJ98096)

STJ98096

GENERAL INFORMATION

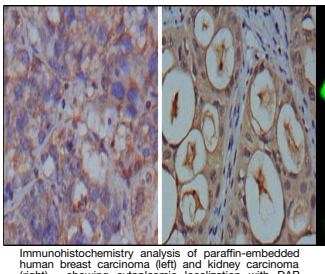
Product Type Primary antibodies
Short Description Mouse monoclonal antibody anti-Glyceraldehyde-3-Phosphate Dehydrogenase is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry and ELISA research applications.
Applications WB, IHC-P, IF, ICC, ELISA
Host/Source Mouse
Reactivity Human

PRODUCT PROPERTIES

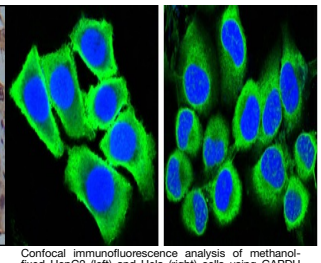
Clonality Monoclonal
Clone ID 1A10
Concentration
Conjugation Unconjugated
Purification The antibody was isolated from ascitic fluid by immunoaffinity chromatography using antigens coupled to agarose beads.
Dilution Range WB 1:500-1:2000
IHC 1:200-1:1000
IF 1:200-1:1000
ELISA 1:10000
Formulation Ascitic fluid, 0.03% Sodium Azide, 0.5% BSA, 50% Glycerol.
Isotype IgG1
Storage Instruction Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

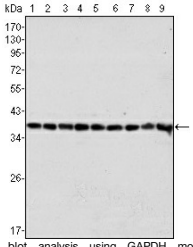
Gene ID 2597
Gene Symbol GAPDH
Uniprot ID G3P_HUMAN
Immunogen Purified recombinant fragment of human GAPDH expressed in E.coli.
Immunogen Region
Specificity GAPDH monoclonal antibody (Glyceraldehyde-3-Phosphate Dehydrogenase) binds to endogenous Glyceraldehyde-3-Phosphate Dehydrogenase.
Immunogen Sequence



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma (left) and kidney carcinoma (right) , showing cytoplasmic localization with DAB staining using GAPDH monoclonal antibody.



Confocal immunofluorescence analysis of methanol-fixed HepG2 (left) and Hela (right) cells using GAPDH monoclonal antibody (green) , showing cytoplasmic localization. Blue: DRAQ5 fluorescent DNA dye.



Western blot analysis using GAPDH monoclonal antibody against HeLa (1) , A549 (2) , A431 (3) , MCF-7 (4) , K562 (5) , Jurkat (6) , HL60 (7) , SKN-SH (8) and SKBR-3 (9) cell lysate.

St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081