Anti-HIF1A antibody [1A3] (STJ98135)

STJ98135

GENERAL INFORMATION

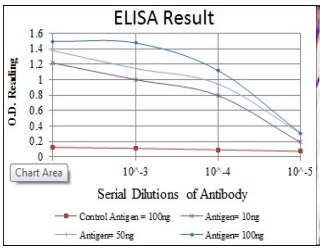
Product Type Primary antibodies
Short Description Mouse monoclonal antibody anti-Hypoxia-Inducible Factor 1-Alpha is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry and ELISA research applications.
Applications WB, IHC-P, IF, ICC, ELISA
Host/Source Mouse
Reactivity Human, Mouse, Monkey

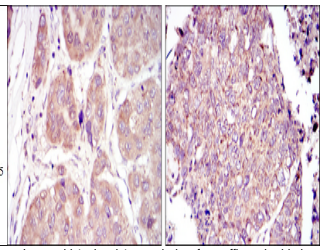
PRODUCT PROPERTIES

Clonality Monoclonal
Clone ID 1A3
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.

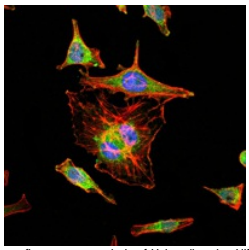
TARGET INFORMATION

Gene ID 3091
Gene Symbol HIF1A
Uniprot ID HIF1A_HUMAN
Immunogen Purified recombinant fragment of human HIF-1 Alpha expressed in E.coli.
Immunogen Region
Specificity HIF1A monoclonal antibody (Hypoxia-Inducible Factor 1-Alpha) binds to endogenous Hypoxia-Inducible Factor 1-Alpha.
Immunogen Sequence

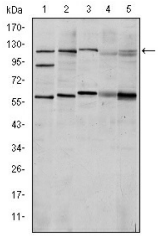




Immunohistochemistry analysis of paraffin-embedded liver cancer tissues (left) and lung cancer tissues (right) with DAB staining using HIF-1 Alpha monoclonal antibody.



Immunofluorescence analysis of Hela cells using HIF-1 Alpha monoclonal antibody (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Western blot analysis using HIF-1 Alpha monoclonal antibody against Cos7 (1) , HeLa (2) , Jurkat (3) , RAJI (4) and NIH/3T3 (5) cell lysate.

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