

Anti-HK1 antibody [3A10] (STJ98151)

STJ98151

GENERAL INFORMATION

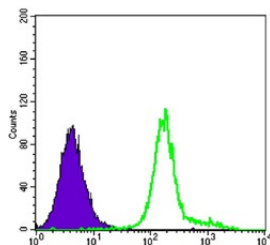
Product Type	Primary antibodies
Short Description	Mouse monoclonal antibody anti-Hexokinase-1 is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry, Flow Cytometry and ELISA research applications.
Applications	WB, IHC-P, IF, ICC, FC, ELISA
Host/Source	Mouse
Reactivity	Human, Mouse, Rat

PRODUCT PROPERTIES

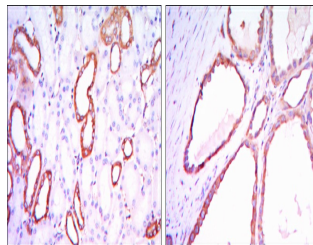
Clonality	Monoclonal
Clone ID	3A10
Concentration	
Conjugation	Unconjugated
Purification	The antibody was isolated from ascitic fluid by immunoaffinity chromatography using antigens coupled to agarose beads.
Dilution Range	WB 1:500-1:2000 IHC 1:200-1:1000 IF 1:200-1:1000 FC 1:200-1:400 ELISA 1:10000
Formulation	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

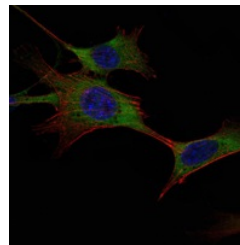
Gene ID	3098
Gene Symbol	HK1
Uniprot ID	HXK1_HUMAN
Immunogen	Purified recombinant fragment of human HXK I expressed in E.coli.
Immunogen Region	
Specificity	HK1 monoclonal antibody (Hexokinase-1) binds to endogenous Hexokinase-1.
Immunogen Sequence	



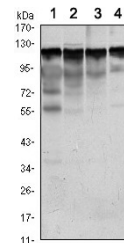
Flow cytometric analysis of K562 cells using HKX I monoclonal antibody (green) and negative control (purple).



Immunohistochemistry analysis of paraffin-embedded kidney tissues with DAB staining using HKX I monoclonal antibody.



Immunofluorescence analysis of NIH/3T3 cells using HKX I monoclonal antibody (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Western blot analysis using HKX I monoclonal antibody against Jurkat (1), HeLa (2), HepG2 (3) and NIH/3T3 (4) cell lysate.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081