

Anti-Phospho-AKT1-S473 antibody (410-490) [7F9] (STJ97727)

STJ97727

GENERAL INFORMATION

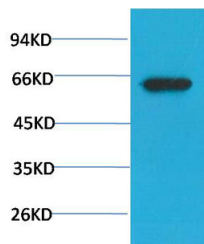
Product Type	Primary antibodies
Short Description	Mouse monoclonal antibody anti-Phospho-Rac-Alpha Serine/Threonine-Protein Kinase-S473 (410-490) is suitable for use in Western Blot, Immunohistochemistry and Immunofluorescence research applications.
Applications	WB, IHC-P, IF-P
Host/Source	Mouse
Reactivity	Human

PRODUCT PROPERTIES

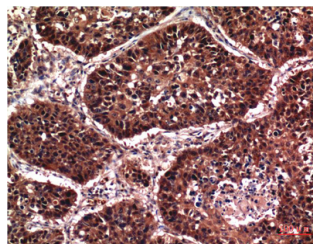
Clonality	Monoclonal
Clone ID	7F9
Concentration	1 mg/mL
Conjugation	Unconjugated
Purification	The antibody was isolated from ascitic fluid by immunoaffinity chromatography using antigens coupled to agarose beads.
Dilution	WB 1:1000-2000
Range	IHC 1:100-200
Formulation	PBS, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
Isotype	IgG1
Storage	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
Instruction	

TARGET INFORMATION

Gene ID	207
Gene Symbol	AKT1
Uniprot ID	AKT1_HUMAN
Immunogen	Synthetic peptide of Phospho-Akt (S473) at amino acid range of 410-490
Immunogen Region	410-490
Specificity	Phospho-AKT1-S473 monoclonal antibody (Rac-Alpha Serine/Threonine-Protein Kinase) binds to endogenous Rac-Alpha Serine/Threonine-Protein Kinase at the amino acid region 410-490 only when phosphorylated at S473.
Immunogen Sequence	



Western blot analysis of PC3 Cell Lysate using Phospho-Akt Ser473 Mouse mAb diluted at 1:1000.



Immunohistochemical analysis of paraffin-embedded Human Lung Carcinoma Tissue using Phospho-Akt Ser473 Mouse mAb diluted at 1:200.