

Anti-AKT2 antibody [1B6] (STJ97821)

STJ97821

GENERAL INFORMATION

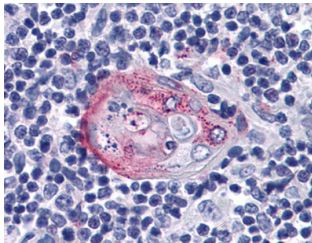
Product Type	Primary antibodies
Short Description	Mouse monoclonal antibody anti-Rac-Beta Serine/Threonine-Protein Kinase is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry and ELISA research applications.
Applications	WB, IHC-P, IF, ICC, ELISA
Host/Source	Mouse
Reactivity	Human, Rat, Monkey

PRODUCT PROPERTIES

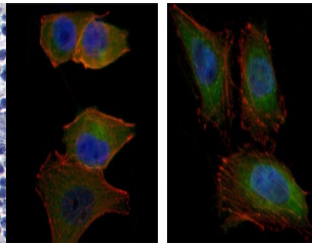
Clonality	Monoclonal
Clone ID	1B6
Concentration	
Conjugation	Unconjugated
Purification	The antibody was isolated from ascitic fluid by immunoaffinity chromatography using antigens coupled to agarose beads.
Dilution Range	WB 1:500-1:2000 IHC 1:200-1:1000 IF 1:200-1:1000 ELISA 1:10000
Formulation	Ascitic fluid, 0.03% Sodium Azide, 0.5% BSA, 50% Glycerol.
Isotype	IgG2b
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

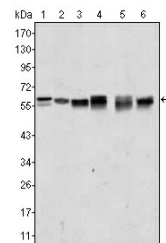
Gene ID	208
Gene Symbol	AKT2
Uniprot ID	AKT2_HUMAN
Immunogen	Purified recombinant fragment of human Akt2 expressed in E.coli.
Immunogen Region	
Specificity	AKT2 monoclonal antibody (Rac-Beta Serine/Threonine-Protein Kinase) binds to endogenous Rac-Beta Serine/Threonine-Protein Kinase.
Immunogen Sequence	



Immunohistochemistry analysis of paraffin-embedded human Thymus tissues with AEC staining using Akt2 monoclonal antibody.



Immunofluorescence analysis of PANC-1 (left) and HeLa (right) cells using Akt2 monoclonal antibody (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Western blot analysis using Akt2 monoclonal antibody against A431 (1), Jurkat (2), HEK293 (3), A549 (4), MCF-7 (5) and PC-12 (6) 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.
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