

## Anti-AKT1 antibody [2D9-D2-H3] (STJ99156)

STJ99156

### GENERAL INFORMATION

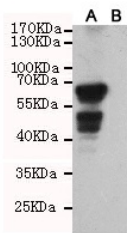
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Mouse monoclonal antibody anti-Rac-Alpha Serine/Threonine-Protein Kinase is suitable for use in Western Blot research applications.
<b>Applications</b>	WB
<b>Host/Source</b>	Mouse
<b>Reactivity</b>	Mouse

### PRODUCT PROPERTIES

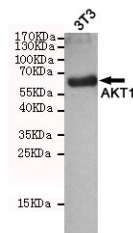
<b>Clonality</b>	Monoclonal
<b>Clone ID</b>	2D9-D2-H3
<b>Concentration</b>	1 mg/mL
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	The antibody was isolated from ascitic fluid by immunoaffinity chromatography using antigens coupled to agarose beads.
<b>Dilution Range</b>	WB 1:2000
<b>Formulation</b>	PBS, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
<b>Isotype</b>	IgG2a
<b>Storage Instruction</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

<b>Gene ID</b>	207
<b>Gene Symbol</b>	AKT1
<b>Uniprot ID</b>	AKT1_HUMAN
<b>Immunogen</b>	Purified recombinant human AKT1 protein fragments expressed in E.coli.
<b>Immunogen Region</b>	
<b>Specificity</b>	AKT1 monoclonal antibody (Rac-Alpha Serine/Threonine-Protein Kinase) binds to endogenous Rac-Alpha Serine/Threonine-Protein Kinase.
<b>Immunogen Sequence</b>	



Western blot detection of AKT1 in CHO-K1 cell lysate (B) and CHO-K1 transfected by AKT1 (A) cell lysate using AKT1 mouse mAb (1:1000 diluted). Predicted band size: 60kDa. Observed band size: 60kDa.



Western blot detection of AKT1 in 3T3 cell lysates using AKT1 mouse mAb (dilution 1:2000) with super ECL. Predicted band size: 60kDa. Observed band size: 60kDa.

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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