

**Anti-Phospho-AKT1 antibody [M114] (STJA0005252)**

STJA0005252

**GENERAL INFORMATION**

<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Mouse monoclonal antibody anti-Phospho-Akt is suitable for use in Western Blot and Immunoprecipitation research applications.
<b>Applications</b>	WB/IP
<b>Host/Source</b>	Mouse
<b>Reactivity</b>	Human/Mouse/Rat

**PRODUCT PROPERTIES**

<b>Clonality</b>	Monoclonal
<b>Clone ID</b>	M114
<b>Concentration</b>	
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Protein G Purified
<b>Dilution</b>	WB 1:250
<b>Range</b>	IP 1:100
<b>Formulation</b>	PBS + 0.02% NaN <sub>3</sub>
<b>Isotype</b>	IgG1
<b>Storage</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
<b>Instruction</b>	

**TARGET INFORMATION**

<b>Gene ID</b>	<a href="#">207</a>
<b>Gene Symbol</b>	<a href="#">AKT1</a>
<b>Uniprot ID</b>	<a href="#">AKT1_HUMAN</a>
<b>Immunogen</b>	Clone M114 was generated from a peptide containing amino acid residues surrounding Serine 473 in human Akt1. This sequence is highly conserved in human and mouse Akt, and may recognize Akt2 and Akt3.
<b>Immunogen Region</b>	
<b>Specificity</b>	This antibody detects a 60 kDa* protein corresponding to the apparent molecular mass of Akt on SDS-PAGE immunoblots of mouse NIH3T3 cells treated with PDGF and human A431 cells treated with EGF.
<b>Immunogen Sequence</b>	