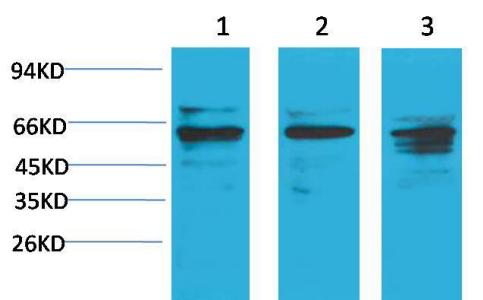
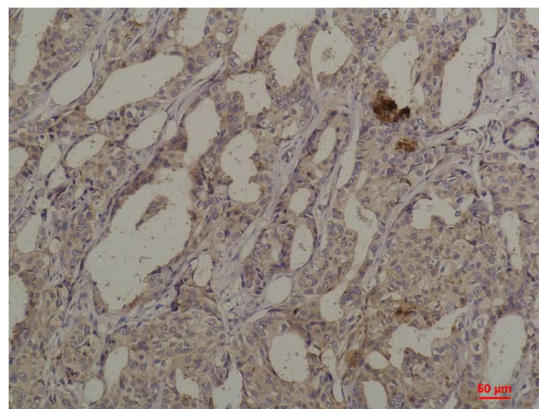


Product name:	AKT1 Rabbit Monoclonal Antibody
Cat number:	MAB-94152
Conjugate:	Unconjugated
Size:	100 ul
Clone:	193H12
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	Recombinant Protein
Reactivity:	Human, Mouse, Rat
Applications:	WesternBlot: 1/1000-2000 Immunohistochemistry:1/100-200 Immunofluorescence: 1/100-200
Molecular Weight:	60 kDa
Purification:	Purified
Form:	Liquid
Buffer:	PBS with 0.02% sodium azide and 50% glycerol pH 7.4.
Storage:	Store at -20°C. Avoid repeated freeze-thaw cycles.

Background: Akt, is a serine/threonine-specific protein kinase that plays a key role in multiple cellular processes such as glucose metabolism, apoptosis, cell proliferation, transcription and cell migration. Akt1 is involved in cellular survival pathways, by inhibiting apoptotic processes. Akt1 is also able to induce protein synthesis pathways, and is therefore a key signaling protein in the cellular pathways that lead to skeletal muscle hypertrophy, and general tissue growth.



Western blot analysis of 1) HeLa, 2) 293T3, 3) PC12 with Akt1 Rabbit pAb diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma using Akt1 Rabbit pAb diluted at 1:200.