



AKT (1H2) Mouse mAb

Cat No: HR1AM2382

For research use only

Overview

Product Name	AKT (1H2) Mouse mAb
Source	Mouse
Applications	WB, IHC
Species Reactivity	Human
Recommended Dilutions	WB 1:1,000-2,000 IHC 1:100-200
Immunogen	
Species	Mouse
Storage	PBS with 0.02% sodium azide and 50% glycerol pH 7.4. Store at -20°C. Avoid repeated freeze-thaw cycles.
Isotype	IgG1
Clonality	Monoclonal
Concentration	1mg/ml
Observed band	60kDa
GeneID?Human?	207
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	c Akt antibody, MGC9965 antibody, Protein kinase B antibody, RAC antibody, PRKBA antibody
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.