

# AKT1 Recombinant Rabbit Monoclonal Antibody (10S9D6)

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Expression system	HEK293 cells
Class	Recombinant Monoclonal
Type	Antibody
Clone	10S9D6
Conjugate	Unconjugated
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 381-480 of human AKT1 (P31749)
Form	Liquid
Concentration	1.02 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.3, with 0.05% BSA, 50% glycerol
Contains	0.05% ProClin 300
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2897775

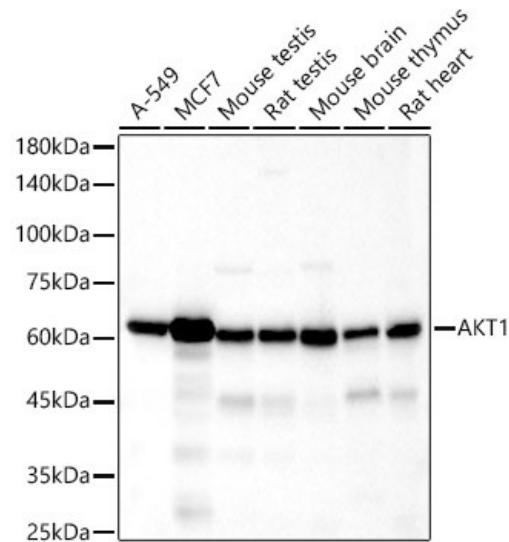
Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,00-1:5,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:200	-
Immunoprecipitation (IP)	1:50-1:200	-

## Product Specific Information

Positive Samples: MCF7, DU145, NIH/3T3, Mouse thymus, Rat heart, Rat testis

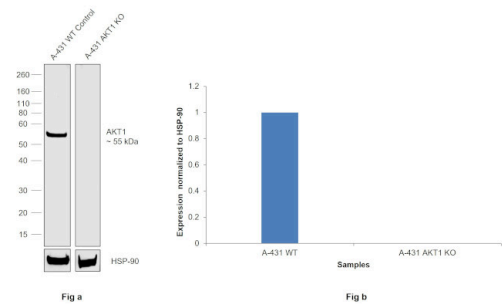
Immunogen sequence: SGLLKDKPKQ RLGGGSEDAK EIMQHRFFAG IVWQHVEKK LSPPFKPQVT SETDTRYFDE EFTAQMITIT PPDQDDSMC VDSERRPHFP QFSYSASGTA

Product Images For AKT1 Recombinant Rabbit Monoclonal Antibody (10S9D6)



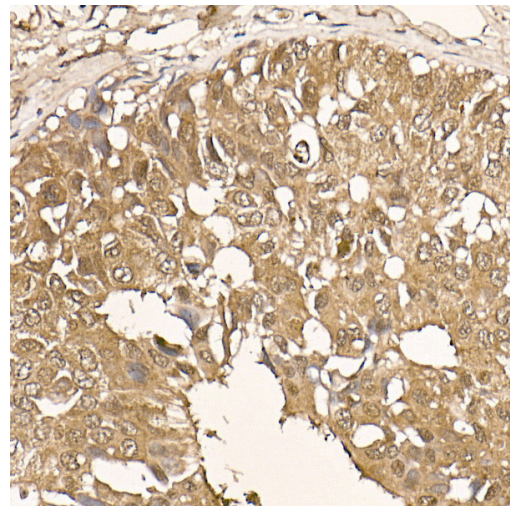
AKT1 Antibody (MA5-37855) in WB

Western blot analysis of AKT1 in various lysates. Samples were incubated with AKT1 Monoclonal antibody (Product # MA5-37855) using a dilution of 1:2,000, followed by HRP Goat Anti-Rabbit IgG (H+L) at a dilution of 1:10,000. Lysates /proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 25s.



AKT1 Antibody (MA5-37855)

Antibody specificity was demonstrated by CRISPR-Cas9 mediated knockout of target protein. A loss of signal was observed for target protein in AKT1 KO cell line compared to control cell line using AKT1 Recombinant Rabbit Monoclonal Antibody (ARC0238) (Product # MA5-37855). {KO}



AKT1 Antibody (MA5-37855) in IHC (P)

Immunohistochemistry analysis of AKT1 in paraffin-embedded human breast cancer using. Samples were incubated with AKT1 Monoclonal antibody (Product # MA5-37855) using a dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

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