

# Product Datasheet

## AKT1 Antibody (1D4) H00000207-M08

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00000207-M08**

AKT1 Antibody (1D4)

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1D4
Preservative	No Preservative
Isotype	IgG2a
Purity	IgG purified
Buffer	PBS (pH 7.4)
Target Molecular Weight	55.7 kDa

Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	207
Gene Symbol	AKT1
Species	Human, Mouse
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Specificity/Sensitivity	AKT1 - v-akt murine thymoma viral oncogene homolog 1
Immunogen	AKT1 (AAH00479.1, 1 a.a. - 480 a.a.) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MSDVAIVKEGWLHKRGEYIKTWRPRYFLLKNDGTFIGYKERPQDVDQREAPLN NFSVAQCQLMKTERPRPNTFIIRCLQWTTVIERTLHVETPEEREETTAIQTVA DGLKKQEEEEEMDFRSGSPSDNSGAEEMEVSLAKPKHRVTMNEFEYLKLLGKG TFGKVLVKEKATGRYYAMKILKKEVIVAKDEVAHTLTENRVLQNSRHPFLTALK YSFQTHDRLCFVMEYANGGELFFHLSRERVFSEDRARFYGAEIVSALDYLHSE KNVVYRDLKLENLMLDKDGHKIDDFGLCKEIKDGATMKTFCGTPEYLAPEVL EDNDYGRAVDWWGLGVVMYEMMCGRLPFYNQDHEKLFELILMEEIRFPRTL PEAKSLLSGLLKDPKQRLGGGSEDAKEIMQHRFFAGIVWQHVVYEKLLSPPFK PQVTSETDTRYFDEEFTAQMITITPPDQDDSMCEVDSERRPHFPQFSYSASGT A
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/Immunofluorescence
Recommended Dilutions	Western Blot, ELISA, Immunocytochemistry/Immunofluorescence
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for IF and ELISA.





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
novus@novusbio.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: technical@novusbio.com  
Orders: orders@novusbio.com  
General: novus@novusbio.com

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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