

# Product Datasheet

## AKT2 Antibody (1D9) - Azide and BSA Free H00000208-M03

Unit Size: 0.1 mg

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

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### Publications: 1

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**H00000208-M03**

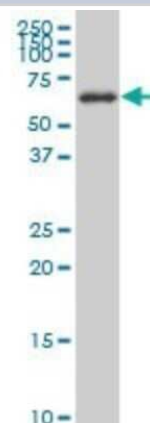
AKT2 Antibody (1D9) - Azide and BSA Free

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	1D9
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	208
Gene Symbol	AKT2
Species	Human, Mouse, Rat
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	AKT2 (1D9)
Immunogen	AKT2 (AAA58364, 100 a.a. ~ 189 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MRAIQMVANSLKQRAPGEDPMDYKCGSPSDSSTTEEMEVAVSKARAKVTMN DFDYLKLLGKGTFGKVILVREKATGRYYAMKILRKEVII
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 1:500, ELISA, Immunocytochemistry/ Immunofluorescence
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for IF and ELISA.

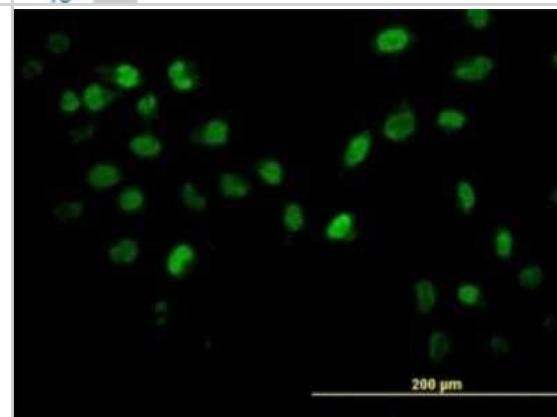


## Images

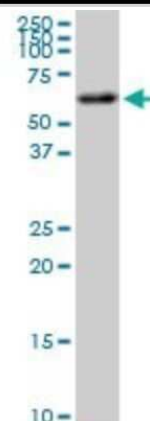
Western Blot: AKT2 Antibody (1D9) [H00000208-M03] - Analysis of AKT2 expression in Jurkat (Cat # L017V1).



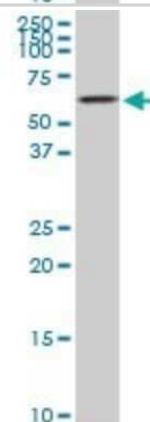
Immunocytochemistry/Immunofluorescence: AKT2 Antibody (1D9) [H00000208-M03] - Analysis of monoclonal antibody to AKT2 on HeLa cell. Antibody concentration 10 ug/ml



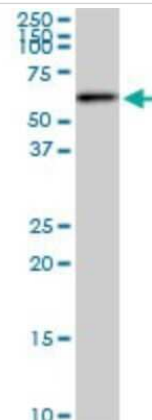
Western Blot: AKT2 Antibody (1D9) [H00000208-M03] - Analysis of AKT2 expression in PC-12 (Cat # L012V1).



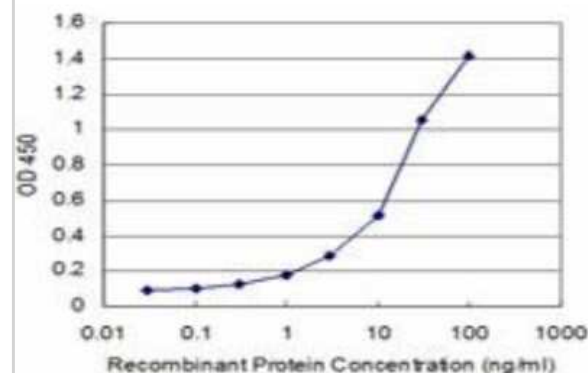
Western Blot: AKT2 Antibody (1D9) [H00000208-M03] - Analysis of AKT2 expression in Raw 264.7 (Cat # L024V1).



Western Blot: AKT2 Antibody (1D9) [H00000208-M03] - Analysis of AKT2 expression in NIH/3T3 (Cat # L018V1).



ELISA: AKT2 Antibody (1D9) [H00000208-M03] - Detection limit for recombinant GST tagged AKT2 is approximately 1ng/ml as a capture antibody.



## Publications

Lincova E, Hampl A, Pernicova Z et al. Multiple defects in negative regulation of the PKB/Akt pathway sensitise human cancer cells to the antiproliferative effect of non-steroidal anti-inflammatory drugs. *Biochem Pharmacol.* 2009-05-08 [PMID: 19433066]



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### **Products Related to H00000208-M03**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP2-55812PEP	AKT2 Recombinant Protein Antigen

### **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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