

# Product Datasheet

## **AKT1 [p Ser473] Antibody (104A282) [Alexa Fluor® 532] NB100-56749AF532**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB100-56749AF532**

AKT1 [p Ser473] Antibody (104A282) [Alexa Fluor® 532]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	104A282
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Conjugate	Alexa Fluor 532
Purity	Protein G purified
Buffer	50 mM Sodium Borate
Target Molecular Weight	55.7 kDa

Product Description	
Host	Mouse
Gene ID	207
Gene Symbol	AKT1
Species	Human, Mouse, Rat, Rabbit
Reactivity Notes	Rat reactivity reported in scientific literature (PMID: 31092832). Rabbit reactivity reported in scientific literature (PMID: 32936958)
Specificity/Sensitivity	Clone 104A282 detects specifically the Ser473 phosphorylated form of AKT1.
Immunogen	This AKT1 phospho Ser473 monoclonal antibody was raised against a synthetic peptide containing phosphorylated serines at amino acid residues 473 of human AKT1.
Notes	<p>Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or <a href="mailto:outlicensing@lifetech.com">outlicensing@lifetech.com</a>. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.</p>

**Product Application Details**

<b>Applications</b>	Western Blot, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to NB100-56749AF532**

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NBP2-52121-0.05mg	Recombinant Human AKT1 His Protein
210-TA-005	TNF-alpha [Unconjugated]
DYC2289C-2	AKT1 [p Ser473] [Biotin]
DVE00	VEGF [HRP]

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### **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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