

# Product Datasheet

## **AKT1 [p Ser473] Antibody (104A282) [DyLight 488] NB100-56749G**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB100-56749G**

AKT1 [p Ser473] Antibody (104A282) [DyLight 488]

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	DyLight 488
Purity	Protein G purified
Buffer	50 mM Sodium Borate
Target Molecular Weight	55.7 kDa

Product Description	
Description	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.
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	DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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

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NBP1-43319G-0.5ml	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) [DyLight 488]
NB100-56749C	AKT1 [p Ser473] Antibody (104A282) [DyLight 650]
NBP2-52121-0.05mg	Recombinant Human AKT1 His Protein
210-TA-005	TNF-alpha [Unconjugated]

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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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