

# Product Datasheet

## SIRT6 Antibody [DyLight 550] NB100-2522R

Unit Size: 0.1 ml

Store at 4C in the dark.

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Updated 9/10/2023 v.20.1

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**NB100-2522R**

SIRT6 Antibody [DyLight 550]

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Conjugate</b>	DyLight 550
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	50mM Sodium Borate
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	51548
<b>Gene Symbol</b>	SIRT6
<b>Species</b>	Human, Mouse, Rat
<b>Reactivity Notes</b>	Rat reactivity reported in scientific literature (PMID: 25288139) Immunogen sequence has 78% homology to human. Human reactivity reported in scientific literature (PMID: 25660418)
<b>Immunogen</b>	A synthetic peptide made to a C-terminal region of the mouse SIRT6 protein (within residues 250-334). [Swiss-Prot P59941]
<b>Notes</b>	Dylight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen
<b>Application Notes</b>	<p>This SIRT6 antibody is useful for Western blot and Immunohistochemistry paraffin embedded sections. In Western blot a band is seen at ~37 kDa representing SIRT6, and a non-specific higher MW band can be seen at ~61 kDa. This antibody does not appear to detect the human protein in Western blot. In IHC-P, staining was observed in the nucleus of mouse testis. Prior to immunostaining paraffin tissues, antigen retrieval with sodium citrate buffer (pH 6.0) is recommended. Use in Immunocytochemistry/immunofluorescence reported in scientific literature (PMID: 23899523)</p> <p>The observed molecular weight of the protein may vary from the listed predicted molecular weight due to post translational modifications, post translation cleavages, relative charges, and other experimental factors.</p>





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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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