

Product Datasheet

Survivin Antibody - BSA Free NB100-56168

Unit Size: 0.05 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NB100-56168

Survivin Antibody - BSA Free

Product Information	
Unit Size	0.05 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Unpurified
Buffer	Whole antisera
Target Molecular Weight	16 kDa

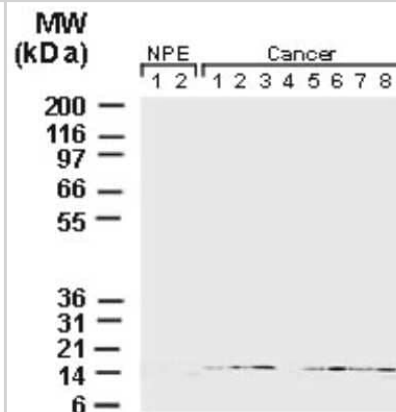
Product Description	
Description	Novus Biologicals Rabbit Survivin Antibody - BSA Free (NB100-56168) is a polyclonal antibody validated for use in IHC, WB, ICC/IF and IP. Anti-Survivin Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	332
Gene Symbol	BIRC5
Species	Human, Mouse, Rat
Reactivity Notes	Rat reactivity reported in scientific literature (PMID: 22411272).
Immunogen	This Survivin Antibody was developed against full-length recombinant human survivin protein.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000-1:2000, Immunohistochemistry 1:1000-1:5000. Use reported in scientific literature (PMID 22411273), Immunocytochemistry/Immunofluorescence 1:500, Immunoprecipitation 1:50-1:200, Immunohistochemistry-Paraffin 1:1000-1:5000

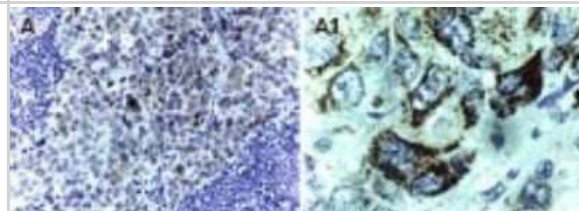


Images

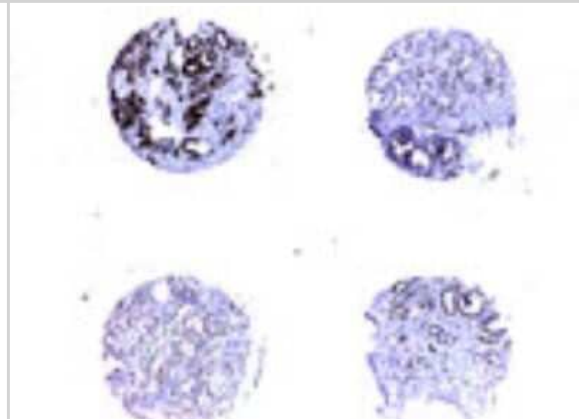
Western Blot: Survivin Antibody [NB100-56168] - Analysis of Normal Prostate Epithelium (NPE) and Prostate Cancer using [NB100-56168]. 100 ug/lane of each human tissue lysate was loaded per lane. Survivin was detected in 7 out of 8 prostate cancer patient specimens, but was not detected in NPE. Bands detected at predicted molecular weight of 16 kDa.



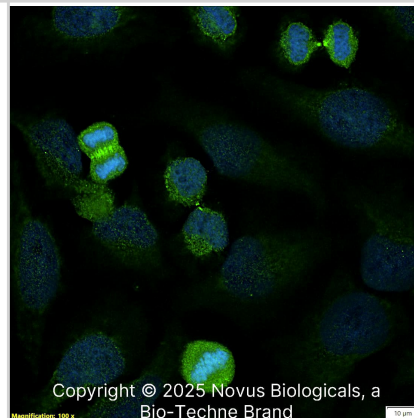
Immunohistochemistry-Paraffin: Survivin Antibody [NB100-56168] - Analysis of Human Esophageal Cancer at 1:2000 using Survivin Antibody [NB100-56168]. A1 is a high magnification of A. Hematoxylin-eosin counterstain.



Immunohistochemistry-Paraffin: Survivin Antibody [NB100-56168] - Analysis of Human Prostate Cancer array at 1:2000 using Survivin Antibody [NB100-56168]. A1 is a high magnification of A. Differential expression of Survivin is seen in tissue cores from four different prostate cancer patients. Hematoxylin-eosin counterstain.



Survivin was detected in immersion fixed HeLa human cervix adenocarcinoma cell line using Rabbit anti-Survivin Whole Serum (Catalog # NB100-56168) at a 1:500 dilution overnight at 4C. Cells were stained using DyLight 488-conjugated Anti-Rabbit IgG (H+L) Cross-Absorbed Secondary Antibody (green), and counterstained with DAPI (blue). Cells were imaged using a 100X objective and digitally deconvolved.



Publications

Khan SA, Burke M, Zhu F et al. Survivin expression and impact on head and neck cancer outcomes Oral Oncol 2020-11-19 [PMID: 33221541] (IF/IHC, Human)

Taniai Eriko, Hayashi Hitomi, Yafune Atsunori et al. Cellular distribution of cell cycle-related molecules in the renal tubules of rats treated with renal carcinogens for 28 days: relationship between cell cycle aberration and carcinogenesis. Arch Toxicol. 2012-09-01 [PMID: 22411272] (Rat)

Mehra R, Yang D, Handorf E et al. Analysis of a protein expression biomarkers in HPV negative SCCHN. Cancer Research: Abstract from AACR Annual Meeting 2014; April 5-9, 2014; San Diego, CA. 2014-01-01 (IHC-P, Human)

Details:

Survivin antibody used for IHC-P on human papillomavirus negative (HPV) (-) squamous cell head and neck cancer (SCCHN) tissue microarrays.

Taniai E, Hayashi H, Yafune A et al. Cellular distribution of cell cycle-related molecules in the renal tubules of rats treated with renal carcinogens for 28 days: relationship between cell cycle aberration and carcinogenesis Arch Toxicol 2012-03-13 [PMID: 22411273] (IF/IHC, Rat)





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Products Related to NB100-56168

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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