

Product Datasheet

Survivin Antibody Pack NB100-911-1Pack

Unit Size: 5 Vials

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

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NB100-911-1Pack

Survivin Antibody Pack

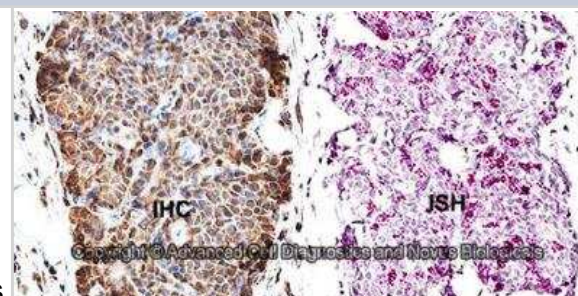
Product Information	
Unit Size	5 Vials
Concentration	Concentration of individual antibodies may be found on the vial label. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

Product Description	
Description	This pack contains 1 vial each of: NB500-201 (0.1 mL), NB500-237 (0.1 mL), NB500-238 (0.1 mL), HAF007 and HAF008.
Gene ID	332
Gene Symbol	BIRC5
Species	Human, Mouse
Reactivity Notes	See individual datasheets of components for their validated species
Marker	Astrocyte Marker
Immunogen	See individual datasheets.
Kit Components	NB500-238: Survivin Antibody (60.11) - BSA Free, NB500-201: Survivin Antibody - BSA Free, NB500-237: Survivin Antibody (32.1) - BSA Free, HAF007: Goat anti-Mouse IgG Secondary Antibody [HRP], HAF008: Goat anti-Rabbit IgG Secondary Antibody [HRP]

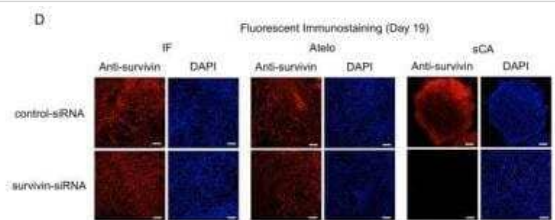
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot, Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
Application Notes	See individual datasheets of components for their validated applications

Images

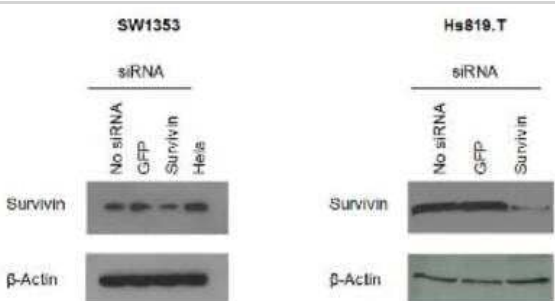
Dual RNAScope ISH-IHC: Survivin Antibody Pack [NB100-911] - Formalin-fixed paraffin-embedded tissue sections of human esophagus squamous cell carcinoma were probed for Survivin mRNA (ACD RNAScope Probe, [465361]; Fast Red chromogen, ACD [322360]). Adjacent tissue section was processed for immunohistochemistry using rabbit polyclonal [NB500-201] at 1.5ug/mL with overnight incubation at 4 degrees Celsius followed by incubation with anti-rabbit IgG VisUCyte HRP Polymer Antibody [VC003] and DAB chromogen (yellow-brown). Tissue was counterstained with hematoxylin (blue). Specific staining was localized to tumor cells.



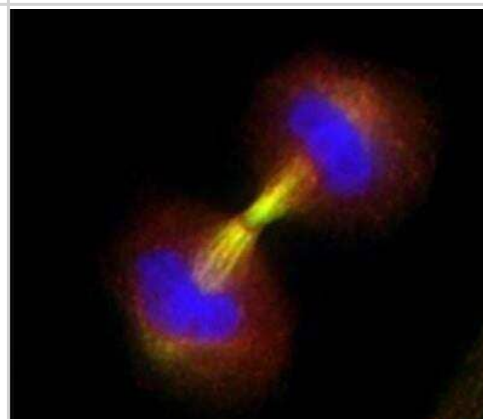
Immunocytochemistry/ Immunofluorescence: Survivin Antibody Pack [NB100-911] - Anti-tumor effects and functional evidence of sCA-survivin-siRNA in HCT116 and HT29 solid tumor models. Immunostaining of survivin in the tumor tissues on day 19 using [NB500-201]. Scale bar, 50 μ m. Image collected and cropped by CiteAb from the following publication ([//dx.plos.org/10.1371/journal.pone.0116022](https://doi.org/10.1371/journal.pone.0116022)) licensed under a CC-BY license.



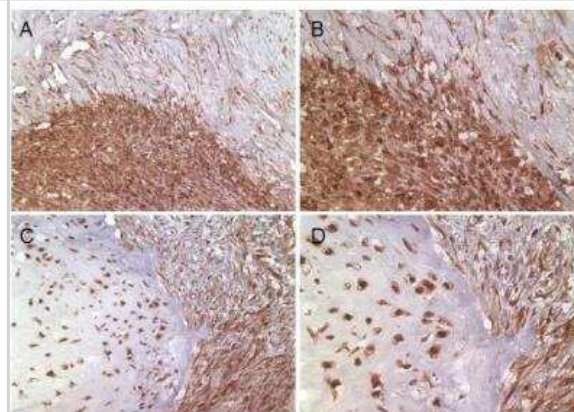
Western Blot: Survivin Antibody Pack [NB100-911] - Suppression of survivin expression by transfection of siRNA. RNA interference was performed in SW1353 and Hs 819.T, either for GFP as control or for survivin. A: A pronounced decrease of survivin protein levels was measured by immunoblotting in SW1353 and Hs819.T. Image collected and cropped by CiteAb from the following publication ([//bmccancer.biomedcentral.com/articles/10.1186/1471-2407-11-120](https://doi.org/10.1186/1471-2407-11-120)), licensed under a CC-BY license. Survivin Antibody (60.11) [NB500-238]



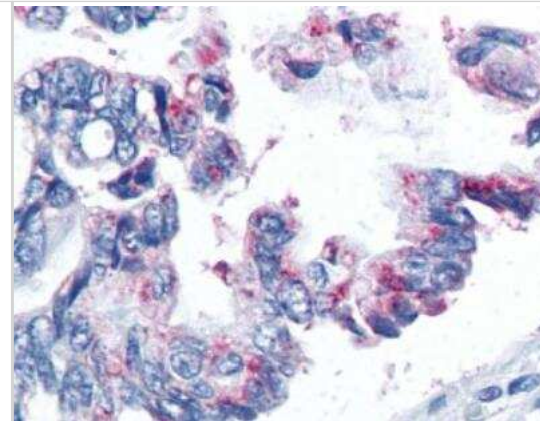
Immunocytochemistry/Immunofluorescence: Survivin Antibody Pack [NB100-911] - Analysis using the HRP conjugate of [NB500-201]. Staining of Telophase with accumulation of survivin in the midbodies of two daughter cells. Survivin detection using [NB500-201].



Immunohistochemistry: Survivin Antibody Pack [NB100-911] - Low-power image of human high-grade chondrosarcoma displays strong cellular expression of survivin protein (A). High-power magnification reveals the predominantly cytoplasmic staining, although strong nuclear signals are detectable (B). Other specimen of a grade III chondrosarcoma stained with monoclonal antibody, shows a similar pattern of staining (C and D). For A and B the polyclonal rabbit anti-survivin antibody [AF886] was used. For C and D the monoclonal mouse Survivin Antibody (60.11) [NB500-238] was used. Image collected and cropped by CiteAb from the following publication ([//bmccancer.biomedcentral.com/articles/10.1186/1471-2407-11-120](https://doi.org/10.1186/1471-2407-11-120)), licensed under a CC-BY license.



Immunohistochemistry-Paraffin: Survivin Antibody Pack [NB100-911] - Immunohistochemical staining of formalin-fixed paraffin-embedded human lung cancer tissue using Survivin Antibody (32.1) [NB500-237].



Publications

Suceveanu A, Micu I, Baltatescu G, et al. Overexpression of Survivin \square 1, TAG \square 72 and HERC5 in patients diagnosed with hepatocellular carcinoma in the Black Sea coast geographical area *Experimental and Therapeutic Medicine* 2021 -01-26 [PMID: 33603891] (IHC-P, Human)

Paduano, F et al. Silencing of survivin gene by small interfering RNAs produces supra-additive growth suppression in combination with 17-allylamino-17-demethoxygeldanamycin in human prostate cancer cells. *Mol Cancer Ther*;5 (1):179-86. 2006-01-01 [PMID: 16432177]

Xia, F et al. Mitosis-independent survivin gene expression in vivo and regulation by p53. *Cancer Res*;66(7):3392-5. 2006-04-01 [PMID: 16585159]

Fortugno P, Beltrami E, Plescia et al. Regulation of survivin function by Hsp90. *Proc Natl Acad Sci U S A*. 2003-11-25 [PMID: 14614132]

Robles, Ana I et al. Schedule-dependent synergy between the heat shock protein 90 inhibitor 17-(dimethylaminoethylamino)-17-demethoxygeldanamycin and doxorubicin restores apoptosis to p53-mutant lymphoma cell lines. *Clin Cancer Res*;12(21):6547-56. 2006-11-01 [PMID: 17085670]

Niedbala, W et al. Nitric oxide induces CD4+CD25+ Foxp3 regulatory T cells from CD4+CD25 T cells via p53, IL-2, and OX40. *Proc Natl Acad Sci U S A* 104(39):15478-83. 2007-09-25 [PMID: 17875988]

Hahn, Joo-Yong et al. Beta-catenin overexpression reduces myocardial infarct size through differential effects on cardiomyocytes and cardiac fibroblasts. *J Biol Chem*;281(41):30979-89. 2006-10-13 [PMID: 16920707]



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Products Related to NB100-911-1Pack

NB110-92717PEP	Survivin Antibody Blocking Peptide
DVE00	VEGF [HRP]
NB500-201	Survivin Antibody - BSA Free
AF835	Caspase-3 Antibody [Unconjugated] - Active

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Antibody Packs are guaranteed for 1 year from date of receipt.

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