

Product Datasheet

Survivin [ac Lys129] Antibody

NBP1-47639

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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Survivin [ac Lys129] Antibody

| Product Information | |
|-------------------------|--|
| Unit Size | 0.05 ml |
| Concentration | 1 mg/ml |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Polyclonal |
| Preservative | 0.1% Sodium Azide |
| Purity | Immunogen affinity purified |
| Buffer | PBS and 30% Glycerol |
| Target Molecular Weight | 16 kDa |

| Product Description | |
|-------------------------|---|
| Host | Rabbit |
| Gene ID | 332 |
| Gene Symbol | BIRC5 |
| Species | Human |
| Reactivity Notes | Human. |
| Specificity/Sensitivity | This antibody is specific for acetylated K129 Survivin. |
| Immunogen | A synthetic peptide surrounding the acetylated lysine 129 of the human Survivin protein. [Swiss-Prot #O15392] |

| Product Application Details | |
|-----------------------------|---|
| Applications | Western Blot, Simple Western, Immunocytochemistry/Immunofluorescence, Immunohistochemistry |
| Recommended Dilutions | Western Blot 1:1000, Simple Western 1:12.5, Immunohistochemistry 1:10-1:500, Immunocytochemistry/Immunofluorescence 1:400 |
| Application Notes | <p>This Survivin [acetyl129] antibody is useful for Immunofluorescence, Immunohistochemistry (PMID 22055399) and Western blot where a band is seen approx. 16.5 kDa.</p> <p>In Simple Western only 10 - 15 uL of the recommended dilution is used per data point. Separated by Size-Wes, Sally Sue/Peggy Sue. 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> |



Publications

Aljaberi AM, Webster JR, Wheatley SP. Mitotic activity of survivin is regulated by acetylation at K129. *Cell Cycle*. 2015-04-30 [PMID: 25928399]

Riolo MT, Cooper ZA, Holloway MP et al. HDAC6 deacetylates survivin for its nuclear export in breast cancer *J Biol Chem* 2012-02-09 [PMID: 22334690] (WB, Human)

Yakirevich E, Samkari A, Holloway MP, Lu S, Singh K, Yu J, Fenton MA, Altura RA. Total Survivin and acetylated Survivin correlate with distinct molecular subtypes of breast cancer. *Hum Pathol*. 2011-11-03 [PMID: 22055399] (IF/IHC, Human)

Wang, H et al. Acetylation directs survivin nuclear localization to repress STAT3 oncogenic activity. *J Biol Chem*. 2010-09-08 [PMID: 20826784] (WB, ICC/IF, Human)





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-
techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

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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