

# Product Datasheet

## Anillin Antibody (CL0303) - Azide and BSA Free NBP3-43945

Unit Size: 100 ug

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

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Updated 9/9/2025 v.20.1

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**NBP3-43945**

Anillin Antibody (CL0303) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL0303
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml.
Isotype	IgG1
Purity	Protein A purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

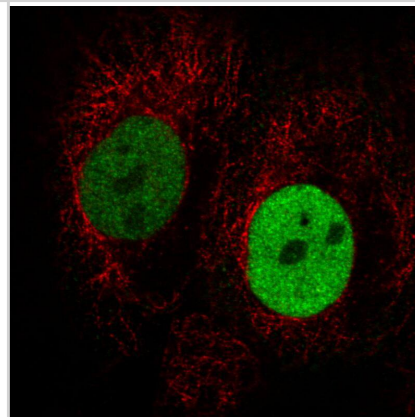
Product Description	
Description	Novus Biologicals Mouse Anillin Antibody (CL0303) - Azide and BSA Free (NBP2-52908) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	54443
Gene Symbol	ANLN
Species	Human
Immunogen	This antibody was generated using a recombinant protein sequence of Q9NQW6, with the exact immunogen sequence remaining proprietary.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence
Recommended Dilutions	Western Blot 1 ug/ml, Immunocytochemistry/Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

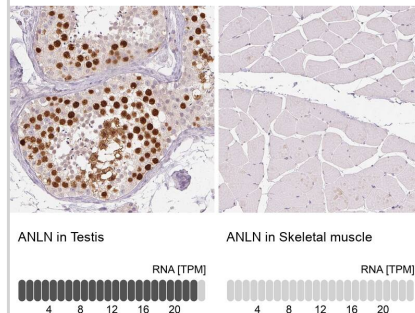


## Images

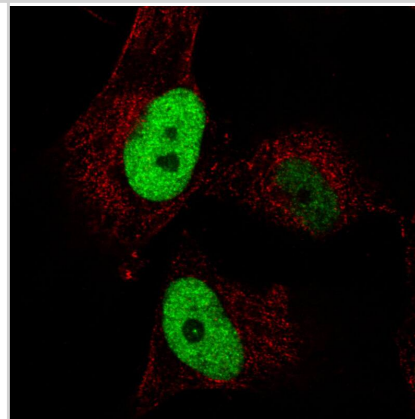
Staining in A431 cell line with Anti-Anillin monoclonal antibody) staining in green. Microtubule- and nuclear probes are visualized in red and blue respectively (where available).



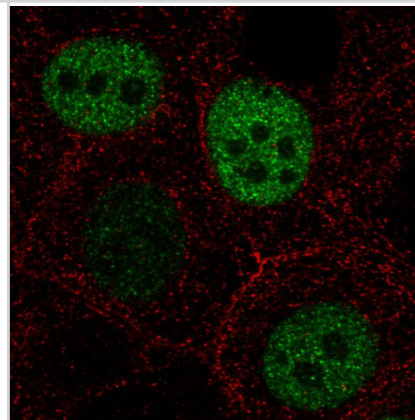
Analysis in human testis and skeletal muscle tissues using NBP3-43945 antibody. Corresponding Anillin RNA-seq data are presented for the same tissues.



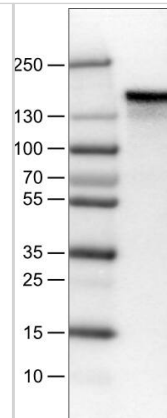
Staining in U251 cell line with Anti-Anillin monoclonal antibody) staining in green. Microtubule- and nuclear probes are visualized in red and blue respectively (where available).



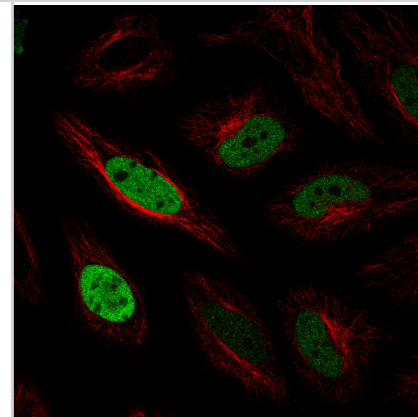
Staining in MCF7 cell line with Anti-Anillin monoclonal antibody) staining in green. Microtubule- and nuclear probes are visualized in red and blue respectively (where available).



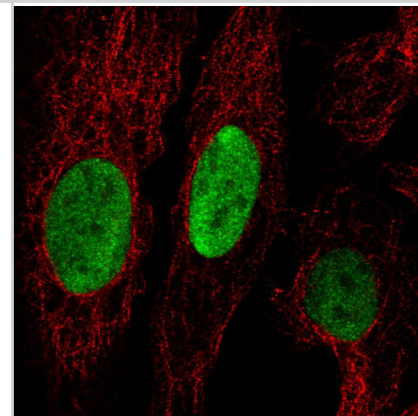
Lane 1: Marker [kDa]  
Lane 2: Human cell line U-251 MG



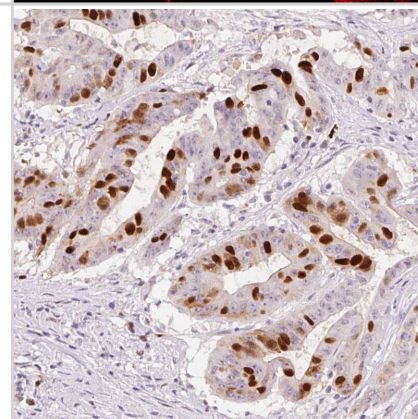
Staining in HeLa cell line with Anti-Anillin monoclonal antibody) staining in green. Microtubule- and nuclear probes are visualized in red and blue respectively (where available).



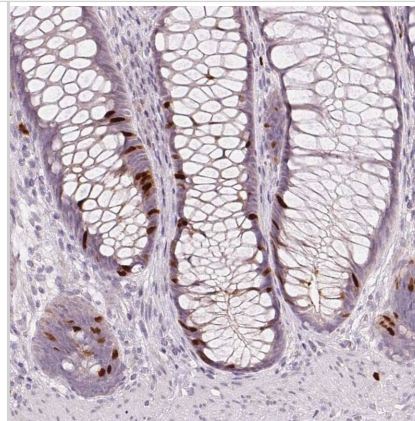
Staining in U2OS cell line with Anti-Anillin monoclonal antibody) staining in green. Microtubule- and nuclear probes are visualized in red and blue respectively (where available).



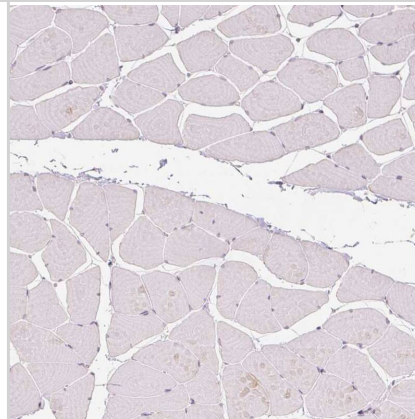
Staining of human colorectal cancer shows moderate to strong nuclear positivity in a subset of tumor cells.



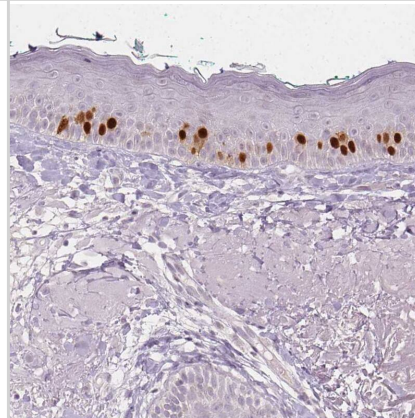
Staining of human rectum shows moderate to strong nuclear positivity in a subset of glandular cells.



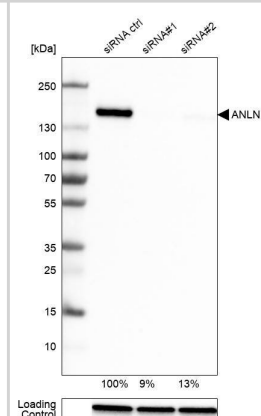
Staining of human skeletal muscle shows no nuclear positivity in striated muscle fibers as expected.



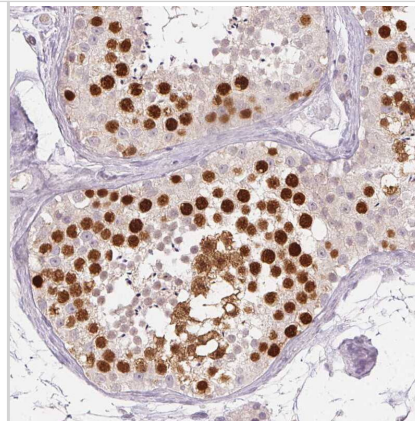
Staining of human skin shows moderate to strong nuclear positivity in a subset of dermal cells.



Analysis in U-251MG cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-Anillin antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



Staining of human testis shows moderate to strong nuclear positivity in a subset of cells in seminiferous ducts.





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### **Products Related to NBP3-43945**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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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