

# Product Datasheet

## Brg1 Antibody (4N9C4) NBP3-15773-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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Updated 9/9/2025 v.20.1

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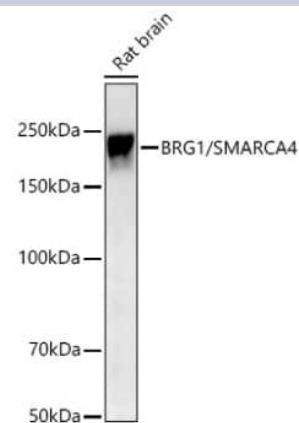
**NBP3-15773-100ul**

Brg1 Antibody (4N9C4)

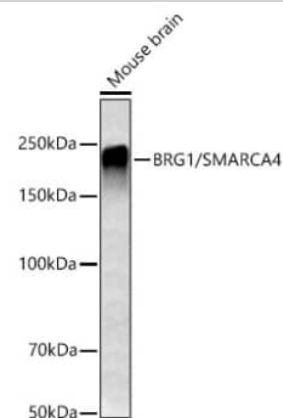
Product Information	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	4N9C4
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.3), 50% glycerol, 0.05% BSA
<b>Target Molecular Weight</b>	185 kDa
Product Description	
<b>Description</b>	Novus Biologicals Rabbit Brg1 Antibody (4N9C4) (NBP3-15773) is a recombinant monoclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	6597
<b>Gene Symbol</b>	SMARCA4
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	A synthetic peptide corresponding to a sequence within amino acids 200-300 of human Brg1 (P51532). LQMAVQGKRPMQGMQQMPTLPPPSVSATGPGPGPGPGPGPGPAPPNY SRPHGMGGPNMPPPGPSGVPPGMGQPPGGPPKPWPEGPMANAAAPTSTP Q
Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:1000 - 1:2000, ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements., Immunohistochemistry 1:100 - 1:500, Immunocytochemistry/Immunofluorescence 1:100 - 1:800, Immunohistochemistry-Paraffin 1:100 - 1:500

## Images

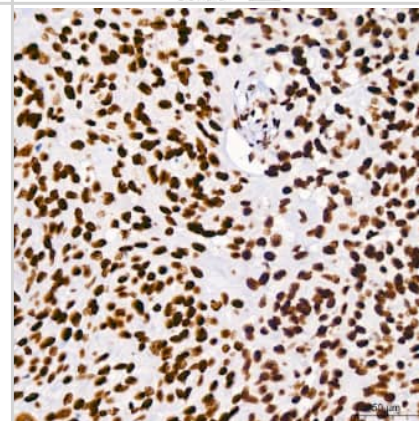
Western Blot: Brg1 Antibody (4N9C4) [NBP3-15773] - Analysis of lysates from Rat brain using BRG1/SMARCA4 Rabbit mAb at 1:1000 dilution incubated overnight at 4°C. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 45s.



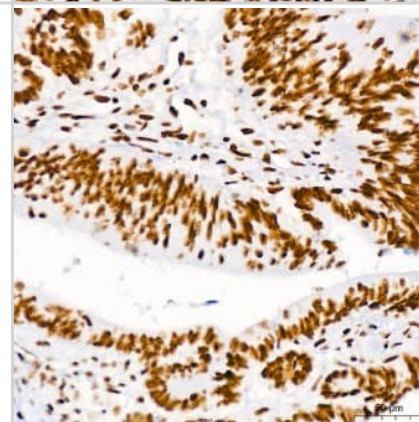
Western Blot: Brg1 Antibody (4N9C4) [NBP3-15773] - Analysis of lysates from Mouse brain using BRG1/SMARCA4 Rabbit mAb at 1:1000 dilution incubated overnight at 4°C. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



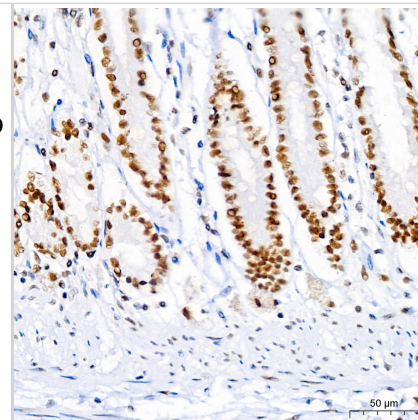
Immunohistochemistry-Paraffin: Brg1 Antibody (4N9C4) [NBP3-15773] - Analysis of paraffin-embedded Human cervix cancer using BRG1/SMARCA4 Rabbit mAb at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry-Paraffin: Brg1 Antibody (4N9C4) [NBP3-15773] - Analysis of paraffin-embedded Human colon carcinoma using BRG1/SMARCA4 Rabbit mAb at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



**Immunohistochemistry: Brg1 Antibody (4N9C4) [Brg1]** - Immunohistochemistry analysis of paraffin-embedded Human colon using Brg1 Rabbit mAb at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



**Western Blot: Brg1 Antibody (4N9C4) [Brg1]** - Western blot analysis of lysates from HeLa cells using Brg1 Rabbit mAb at 1:1000 dilution incubated overnight at 4C.

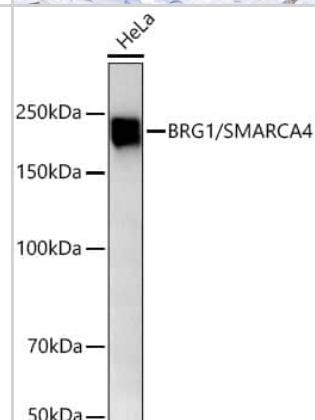
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25 ug per lane.

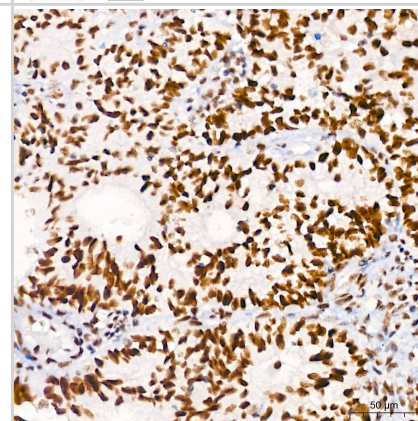
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit .

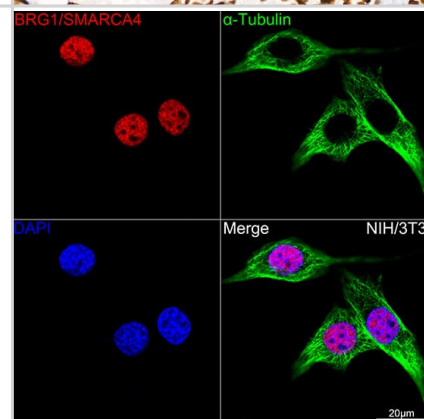
Exposure time: 10s.



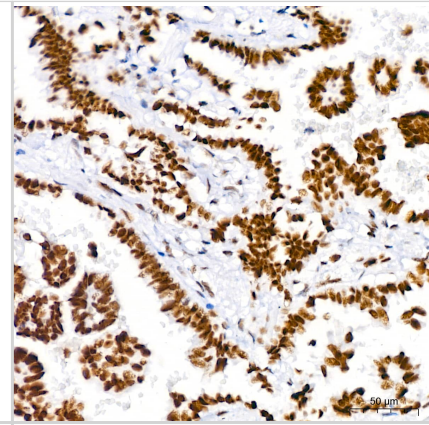
**Immunohistochemistry: Brg1 Antibody (4N9C4) [Brg1]** - Immunohistochemistry analysis of paraffin-embedded Human endometrium cancer using Brg1 Rabbit mAb at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



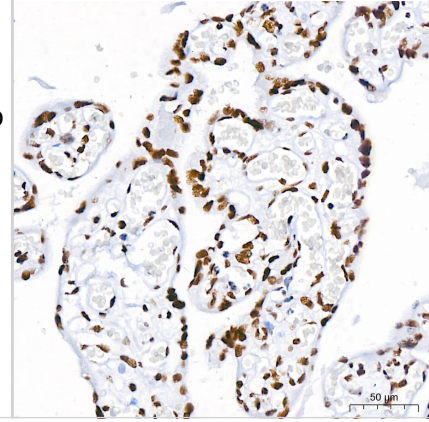
**Immunocytochemistry/ Immunofluorescence: Brg1 Antibody (4N9C4) [Brg1]** - Confocal imaging of NIH-3T3 cells using Brg1 Rabbit mAb . The cells were counterstained with alpha-Tubulin Mouse mAb (Green). DAPI was used for nuclear staining (blue). Objective: 100x.



Immunohistochemistry: Brg1 Antibody (4N9C4) [Brg1] -  
Immunohistochemistry analysis of paraffin-embedded Human lung  
adenocarcinoma using Brg1 Rabbit mAb at dilution of 1:100 (40x lens).  
High pressure antigen retrieval performed with 0.01M Tris/EDTA Buffer  
(pH 9.0) prior to IHC staining.



Immunohistochemistry: Brg1 Antibody (4N9C4) [Brg1] -  
Immunohistochemistry analysis of paraffin-embedded Human placenta  
using Brg1 Rabbit mAb at dilution of 1:100 (40x lens). High pressure  
antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to  
IHC staining.





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### **Products Related to NBP3-15773-100ul**

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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

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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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