

# Product Datasheet

## Brg1 Antibody (CL13783) - Azide and BSA Free NBP3-43830

Unit Size: 100 ug

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

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**NBP3-43830**

Brg1 Antibody (CL13783) - Azide and BSA Free

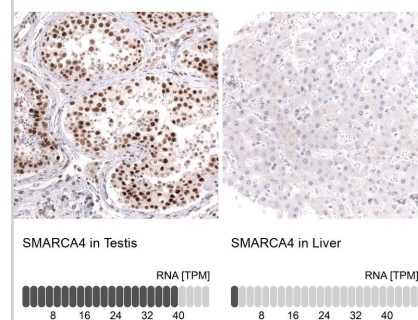
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL13783
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 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 Brg1 Antibody (CL13783) - Azide and BSA Free (NBP3-24576) is a monoclonal antibody validated for use in IHC. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	6597
Gene Symbol	SMARCA4
Species	Human
Immunogen	This antibody was generated using a synthetic peptide of P51532, with the exact immunogen sequence remaining proprietary.

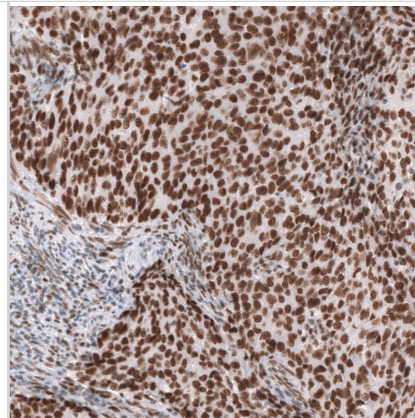
Product Application Details	
Applications	Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, we recommend using Heat-Induced Epitope Retrieval (HIER) with a pH level of 6. This optimized retrieval method ensures the best results for your experiments.

**Images**

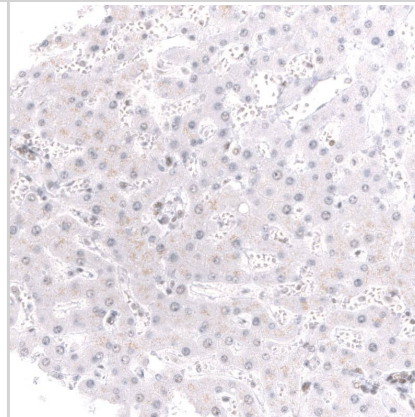
Analysis in human testis and liver tissues using NBP3-43830 antibody. Corresponding Brg1 RNA-seq data are presented for the same tissues.



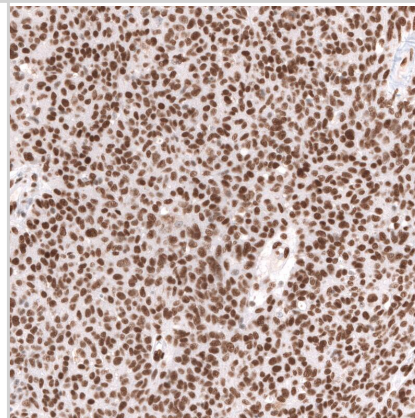
Staining of human endometrial cancer shows strong nuclear positivity in tumor cells.



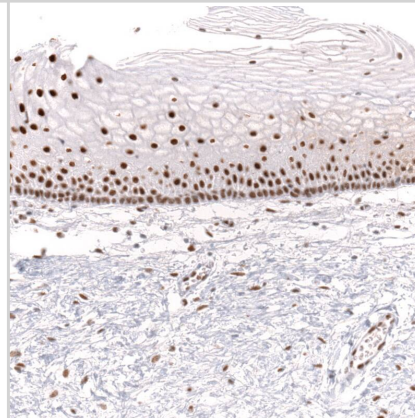
Staining of human liver shows no positivity in hepatocytes as expected.



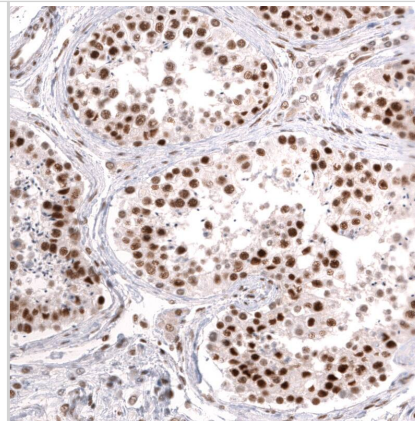
Staining of human ovarian cancer (high grade serous carcinoma) shows strong nuclear positivity in tumor cells.



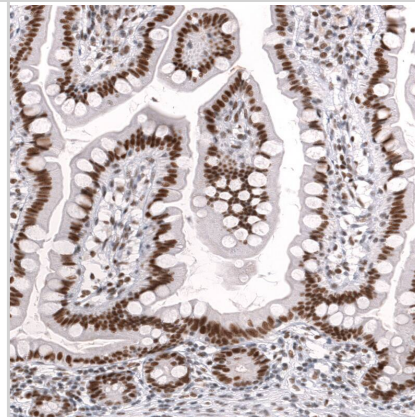
Staining of human uterine cervix shows strong nuclear positivity in squamous epithelial cells.



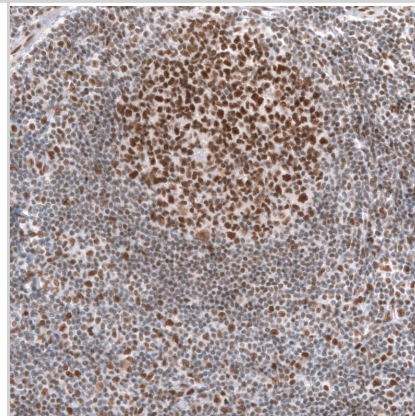
Staining of human testis shows strong nuclear positivity in cells in seminiferous ducts.



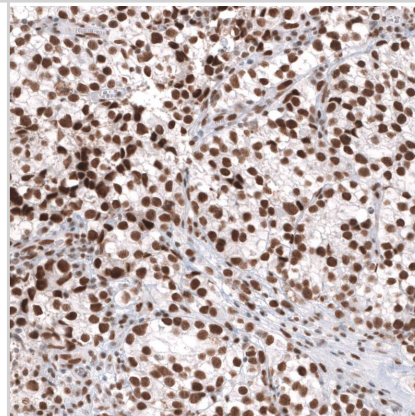
Staining of human small intestine shows strong nuclear positivity in glandular cells.



Staining of human tonsil shows moderate to strong nuclear positivity in lymphoid cells.



Staining of human testis cancer (seminoma) shows strong nuclear positivity in tumor cells.





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### **Products Related to NBP3-43830**

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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)
NBP2-51811-0.1mg	Recombinant Human Brg1 His Protein

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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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