

# Product Datasheet

## BRD4 Antibody (CL1115) - BSA Free NBP2-52958

Unit Size: 0.1 ml

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

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**NBP2-52958**

BRD4 Antibody (CL1115) - BSA Free

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	CL1115
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

**Product Description**

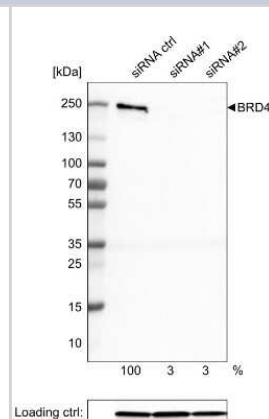
<b>Description</b>	Novus Biologicals Mouse BRD4 Antibody (CL1115) - BSA Free (NBP2-52958) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	23476
<b>Gene Symbol</b>	BRD4
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed using a recombinant protein derived from O60885, with the exact immunogen sequence remaining proprietary.

**Product Application Details**

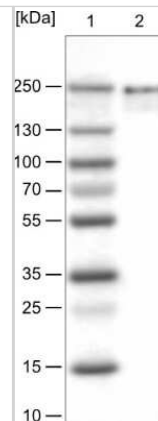
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Knockdown Validated
<b>Recommended Dilutions</b>	Western Blot 1 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200, Knockdown Validated
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation/Permeabilization: PFA/Triton X-100.

**Images**

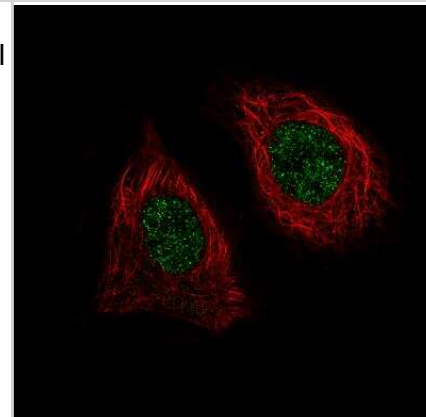
Western Blot: BRD4 Antibody (CL1115) [NBP2-52958] - Analysis in U-251MG cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-BRD4 antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



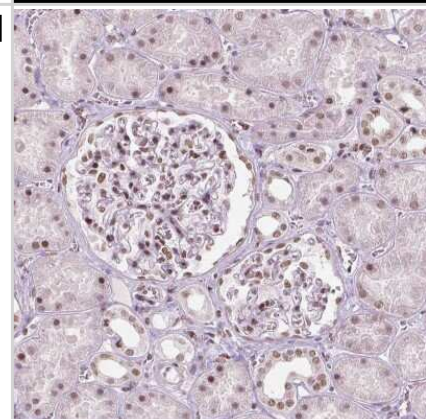
Western Blot: BRD4 Antibody (CL1115) [NBP2-52958] - Lane 1: Marker [kDa], Lane 2: Human cell line U-251 MG



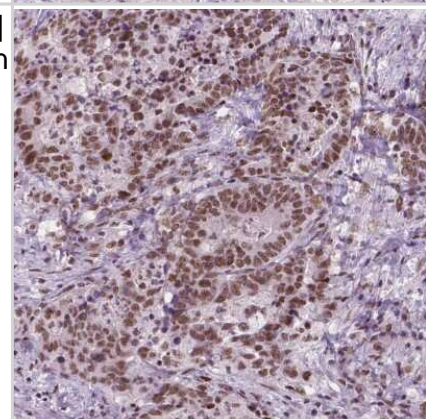
Immunocytochemistry/Immunofluorescence: BRD4 Antibody (CL1115) [NBP2-52958] - Staining of MCF-7 cells using the Anti-BRD4 monoclonal antibody, showing specific staining in the nucleoplasm in green. Microtubule- and nuclear probes are visualized in red and blue, respectively (where available). Antibody staining is shown in green.



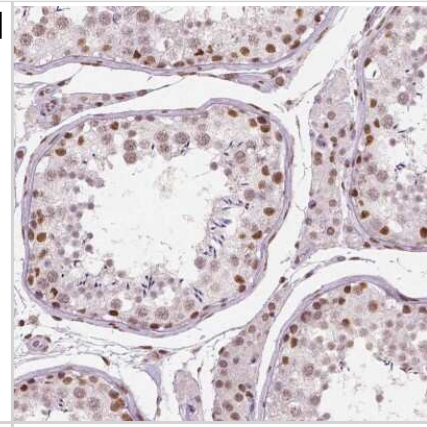
Immunohistochemistry-Paraffin: BRD4 Antibody (CL1115) [NBP2-52958] - Staining of human kidney shows moderate nuclear positivity in cells in renal glomeruli and in tubules.



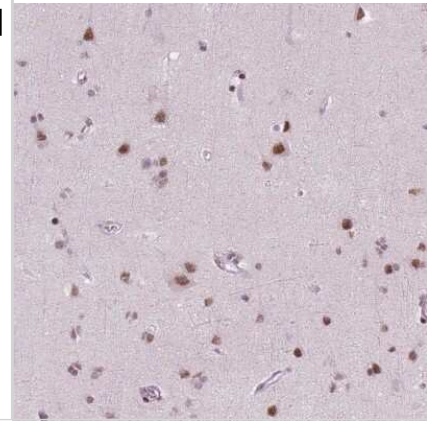
Immunohistochemistry-Paraffin: BRD4 Antibody (CL1115) [NBP2-52958] - Staining of human stomach cancer shows moderate nuclear positivity in tumor cells.



Immunohistochemistry-Paraffin: BRD4 Antibody (CL1115) [NBP2-52958]  
- Staining of human testis shows moderate nuclear positivity in cells in seminiferous ducts.



Immunohistochemistry-Paraffin: BRD4 Antibody (CL1115) [NBP2-52958]  
- Staining of human cerebral cortex shows moderate nuclear positivity in neuronal cells.





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### **Products Related to NBP2-52958**

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NBP2-52958PEP	BRD4 Recombinant Protein Antigen
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
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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