

# Product Datasheet

## BRD4 Antibody (BL-149-2H5)

### NBP2-76393

Unit Size: 100 ul

Store at 2 - 8 C / 1 year from date of receipt

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**NBP2-76393**

BRD4 Antibody (BL-149-2H5)

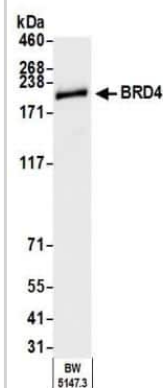
Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 2 - 8 C / 1 year from date of receipt
Clonality	Monoclonal
Clone	BL-149-2H5
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA

Product Description	
Host	Rabbit
Gene ID	23476
Gene Symbol	BRD4
Species	Human, Mouse
Immunogen	Immunogen sequence between amino acids 1312 and 1362
Notes	This Product sold under License from Bethyl Laboratories, Inc.

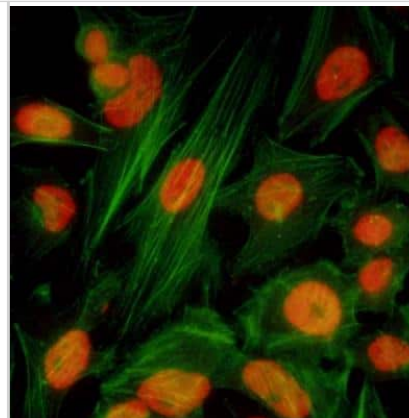
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Chromatin Immunoprecipitation Sequencing
Recommended Dilutions	Western Blot 1:1000, Flow Cytometry, Immunohistochemistry 1:100-1:500, Immunocytochemistry/ Immunofluorescence 1:100 - 1:500, Immunoprecipitation 20 ul/mg lysate, Immunohistochemistry-Paraffin 1:100-1:500, Chromatin Immunoprecipitation Sequencing
Application Notes	Flow Cytometry Fixed in 4% formaldehyde and permeabilized with 90% methanol. 1 ul per 1 x 10 <sup>6</sup> cells. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections. ChIP-Seq 10 - 40 ul per 30 ug chromatin.

**Images**

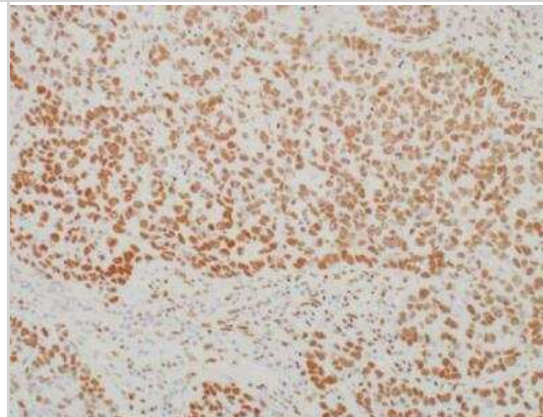
Western Blot: BRD4 Antibody (BL-149-2H5) [NBP2-76393] - Detection of mouse BRD4 by WB of BW5147.3 lysate. Antibody: BRD4 Antibody (BL-149-2H5). Secondary: HRP-conjugated goat anti-rabbit IgG.



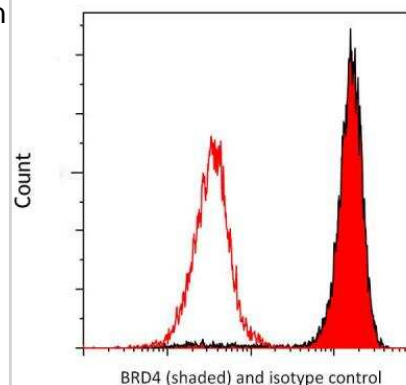
Immunocytochemistry/Immunofluorescence: BRD4 Antibody (BL-149-2H5) [NBP2-76393] - Antibody: Rabbit anti-BRD4 recombinant monoclonal [BL-149-2H5] (NBP2-76393). Secondary: DyLight 550-conjugated goat anti-rabbit IgG. Counterstain: Phalloidin Alexa Fluor 488-conjugated (green).



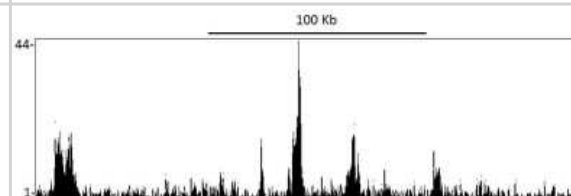
Immunohistochemistry-Paraffin: BRD4 Antibody (BL-149-2H5) [NBP2-76393] - Section of breast carcinoma. Antibody: Rabbit anti-BRD4 recombinant monoclonal antibody [BL-149-2H5] used at 1:250. Secondary: HRP-conjugated goat anti-rabbit IgG. Substrate: DAB.



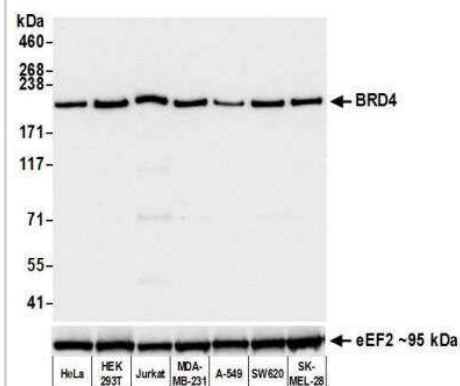
Flow Cytometry: BRD4 Antibody (BL-149-2H5) [NBP2-76393] - Detection of human BRD4 (shaded) in KG-1 cells by flow cytometry. Antibody: BRD4 Antibody (BL-149-2H5) or isotype control (unshaded). Secondary: DyLight(R) 650-conjugated goat anti-rabbit IgG.



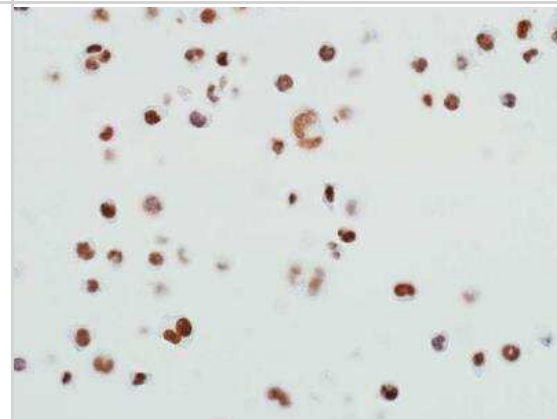
Chromatin Immunoprecipitation Sequencing: BRD4 Antibody (BL-149-2H5) [NBP2-76393] - Localization of human BRD4 binding sites in immunoprecipitates from Mia PaCa-2 cells by ChIP-Seq. Antibody: Rabbit anti-BRD4 recombinant monoclonal [BL-149-2H5] NBP2-76393.



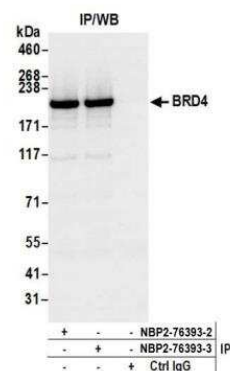
Western Blot: BRD4 Antibody (BL-149-2H5) [NBP2-76393] - Detection of human BRD4 by WB of HeLa, HEK293T, Jurkat, MDA-MB-231, A-549, SW620, and SK-MEL-28 lysate. Antibody: BRD4 Antibody (BL-149-2H5). Secondary: HRP-conjugated goat anti-rabbit IgG. Lower Panel: Rabbit anti-eEF2.



Immunohistochemistry-Paraffin: BRD4 Antibody (BL-149-2H5) [NBP2-76393] - Detection of human BRD4 in FFPE HeLa cells by ICC. Antibody: BRD4 Antibody (BL-149-2H5). Secondary: HRP-conjugated goat anti-rabbit IgG. Substrate: DAB.



Immunoprecipitation: BRD4 Antibody (BL-149-2H5) [NBP2-76393] - Detection of human BRD4 by WB of immunoprecipitates from HeLa lysate. Antibodies: Rabbit anti-BRD4 recombinant monoclonal [BL-149-2H5] (NBP2-76393).





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### **Products Related to NBP2-76393**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-52959PEP	BRD4 Recombinant Protein Antigen

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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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