

Product Datasheet

Histone H2AX [p Ser139] Antibody (BLR053F) NBP3-14678

Unit Size: 100 ul

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

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NBP3-14678

Histone H2AX [p Ser139] Antibody (BLR053F)

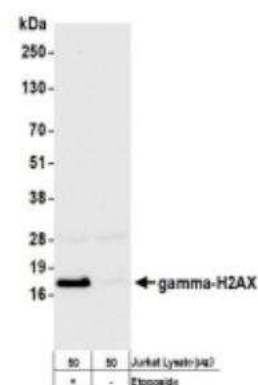
Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 2 - 8 C / 1 year from date of receipt
Clonality	Monoclonal
Clone	BLR053F
Preservative	0.09% Sodium Azide
Purity	>95%
Buffer	Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA and

Product Description	
Description	Novus Biologicals Rabbit Histone H2AX [p Ser139] Antibody (BLR053F) (NBP3-14678) is a recombinant monoclonal antibody validated for use in IHC, WB, Flow, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	3014
Gene Symbol	H2AX
Species	Human, Mouse
Immunogen	surrounding Serine 140

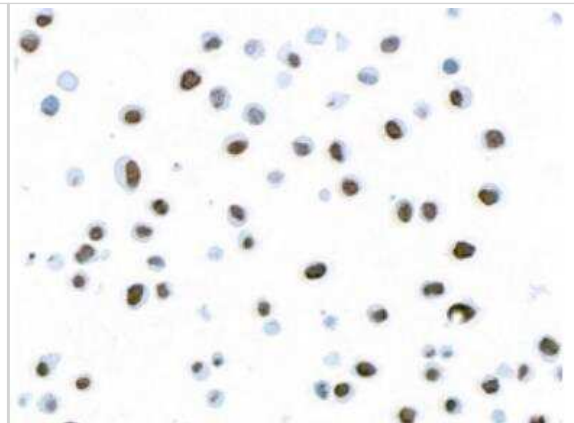
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000, Flow Cytometry Fixed in 4% formaldehyde and permeabilized with 90% methanol. 1 µl, Immunohistochemistry 1:100 - 1:500, Immunocytochemistry/ Immunofluorescence 1:100 - 1:500, Immunoprecipitation 20 ul/1mg lysate, Immunohistochemistry-Paraffin 1:100 - 1:500
Application Notes	Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.

Images

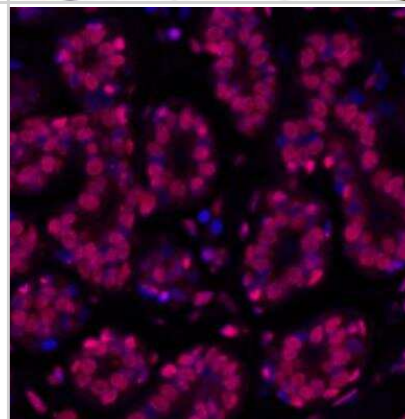
Western Blot: Histone H2AX Antibody (BLR053F) [NBP3-14678] - Whole cell lysate (50 ug) from Jurkat cells treated with 100 uM etoposide (+) or mock treated (-). Antibody: Rabbit anti-gamma-H2AX recombinant monoclonal antibody [BLR053F] used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG. Chemiluminescence with an exposure time of 3 seconds.



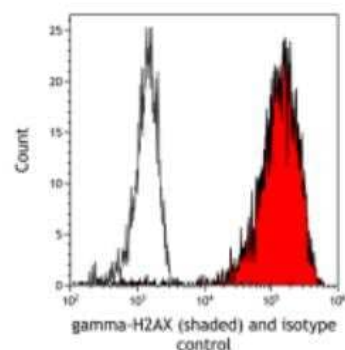
Immunocytochemistry/Immunofluorescence: Histone H2AX Antibody (BLR053F) [NBP3-14678] - Section of human HeLa cells treated with etoposide. Antibody: Rabbit Histone H2AX antibody (BLR053F) used at 1:250. Secondary: HRPconjugated goat anti-rabbit IgG. Substrate:DAB.



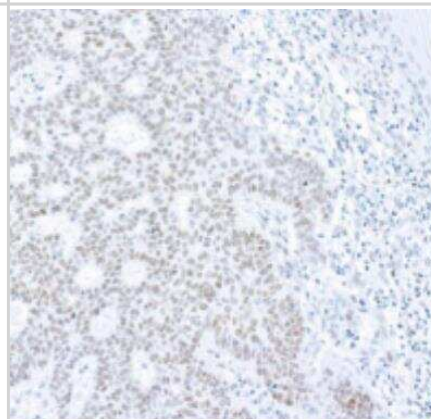
Immunohistochemistry-Paraffin: Histone H2AX Antibody (BLR053F) [NBP3-14678] - Section of human breast carcinoma. Antibody: Rabbit Histone H2AX antibody (BLR053F) used at 1:100. Secondary: DyLight (R) 594-conjugated goat anti-rabbit IgG. Counterstain: DAPI.



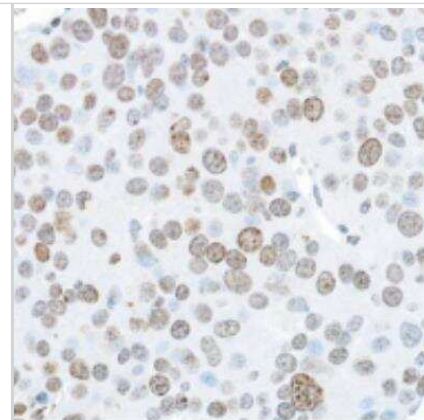
Flow Cytometry: Histone H2AX Antibody (BLR053F) [NBP3-14678] - Rabbit Histone H2AX antibody (BLR053F) or isotype control (unshaded). Secondary: DyLight(R) 488-conjugated goat anti-rabbit IgG.



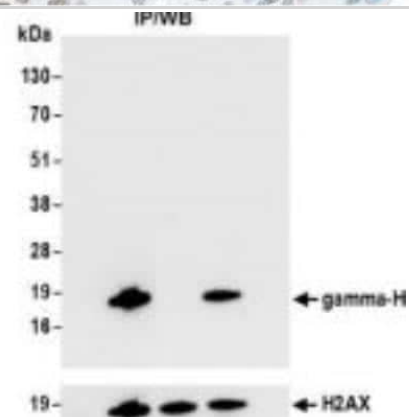
Immunohistochemistry-Paraffin: Histone H2AX Antibody (BLR053F) [NBP3-14678] - Section of human basal cell carcinoma. Antibody: Rabbit Histone H2AX antibody (BLR053F) used at 1:250. Secondary: HRP-conjugated goat anti-rabbit IgG. Substrate:DAB.



Immunohistochemistry-Paraffin: Histone H2AX Antibody (BLR053F) [NBP3-14678] - Section of mouse CT26 tumor. Antibody: Rabbit Histone H2AX antibody (BLR053F) used at 1:250. Secondary: HRP-conjugated goat anti-rabbit IgG. Substrate:DAB.



Immunoprecipitation: Histone H2AX Antibody (BLR053F) [NBP3-14678] - Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from Jurkat cells treated with 100 uM etoposide (+) or mock treated (-). Antibodies: Rabbit anti-gamma-H2AX recombinant monoclonal antibody used for IP at 20 ul per reaction. gamma-H2AX was also immunoprecipitated by rabbit anti-gamma-H2AX antibody. For blotting immunoprecipitated gamma-H2AX, was used at 1:1000. Chemiluminescence with an exposure time of 3 seconds. Lower panel: Rabbit anti-H2AX





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Products Related to NBP3-14678

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]
NBP1-42464	Recombinant Human Histone H2AX His Protein

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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