

# Product Datasheet

## Histone H2AX [p Ser139] Antibody [DyLight 550] NB100-384R

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB100-384R**

Histone H2AX [p Ser139] Antibody [DyLight 550]

| Product Information            |   |
|--------------------------------|---|
| <b>Unit Size</b>               | 0.1 ml  |
| <b>Concentration</b>           | Please see the vial label for concentration. If unlisted please contact technical services.   |
| <b>Storage</b>                 | Store at 4C in the dark.  |
| <b>Clonality</b>               | Polyclonal  |
| <b>Preservative</b>            | 0.05% Sodium Azide  |
| <b>Isotype</b>                 | IgG   |
| <b>Conjugate</b>               | DyLight 550   |
| <b>Purity</b>                  | Immunogen affinity purified   |
| <b>Buffer</b>                  | 50mM Sodium Borate  |
| Product Description            |   |
| <b>Description</b>             | This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet. |
| <b>Host</b>                    | Rabbit  |
| <b>Gene ID</b>                 | 3014  |
| <b>Gene Symbol</b>             | H2AX  |
| <b>Species</b>                 | Human, Mouse, Rat, Canine   |
| <b>Reactivity Notes</b>        | Rat reactivity reported in scientific literature (PMID: 27102221), Canine reactivity reported in scientific literature (PMID: 23365434).  |
| <b>Marker</b>                  | DNA Double-strand break marker  |
| <b>Specificity/Sensitivity</b> | The epitope maps to a region surrounding phosphorylated serine 139 of human histone H2AX.   |
| <b>Immunogen</b>               | This Histone H2AX [p Ser139] Antibody was developed against to a region surrounding phosphorylated serine 139 of human histone H2AX [Swiss-Prot entry P16104] (GeneID 3014).          |
| <b>Notes</b>                   | Licensed to Novus Biologicals LLC under U.S. Patent Nos. 6,362,317 and 6,884,873.0<br><br>DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.           |
| Product Application Details    |   |
| <b>Applications</b>            | Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Chromatin Immunoprecipitation (ChIP)   |
| <b>Recommended Dilutions</b>   | Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Chromatin Immunoprecipitation (ChIP)   |
| <b>Application Notes</b>       | Optimal dilution of this antibody should be experimentally determined.  |



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### **Products Related to NB100-384R**

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|             |  |
|-------------|--|
| NBP2-24891R | Rabbit IgG Isotype Control [DyLight 550]   |
| NBP1-42464  | Recombinant Human Histone H2AX His Protein |
| DYC2288-2   | Histone H2AX [p Ser139] [Biotin]           |
| NB100-304   | 53BP1 Antibody - BSA Free                  |

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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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