

# Product Datasheet

## Bromodeoxyuridine/BrdU Antibody (SPM537) [FITC] NBP2-34784F

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-34784F****Bromodeoxyuridine/BrdU Antibody (SPM537) [FITC]**

| <b>Product Information</b>         |                                                                                                                                                                                                                                                                                                                                                                                                           |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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>                   | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Clone</b>                       | SPM537                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Preservative</b>                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Isotype</b>                     | IgG1 Kappa                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Conjugate</b>                   | FITC                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Purity</b>                      | Protein A or G purified                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Buffer</b>                      | PBS                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Product Description</b>         |                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Host</b>                        | Mouse                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Species</b>                     | Non-species specific                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Marker</b>                      | Proliferation Marker                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Specificity/Sensitivity</b>     | It reacts with Bromodeoxyuridine (BrdU) in single stranded DNA (produced by partial denaturation of double stranded DNA), BrdU coupled to a protein carrier, as well as free BrdU. BrdU is a thymidine analog, incorporated into cell nuclei during DNA synthesis prior to mitosis. Antibody to BrdU is helpful in detecting S-phase cells, providing useful information on the aggressiveness of tumors. |
| <b>Immunogen</b>                   | Bromodeoxyuridine/BrdU conjugated to KLH                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Product Application Details</b> |                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Applications</b>                | Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready                                                                                                                                                                                                                                                                                 |
| <b>Recommended Dilutions</b>       | Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, CyTOF-ready                                                                                                                                                                                                                                                                                 |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                                                                                                                    |



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|             |                                                                                |
|-------------|--------------------------------------------------------------------------------|
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| NBP3-07125  | Bromodeoxyuridine/BrdU MCF-7 Cell Line Slides (Adult Adenocarcinoma)- Paraffin |

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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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