

Product Datasheet

Bromodeoxyuridine/BrdU Antibody (MoBu-1) [Alexa Fluor® 700]

NBP2-68041AF700

Unit Size: 0.1 ml

Store at 4C in the dark.

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Bromodeoxyuridine/BrdU Antibody (MoBu-1) [Alexa Fluor® 700]

| Product Information | |
|-----------------------------|--|
| Unit Size | 0.1 ml |
| Concentration | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C in the dark. |
| Clonality | Monoclonal |
| Clone | MoBu-1 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG1 Kappa |
| Conjugate | Alexa Fluor 700 |
| Purity | Protein A or G purified |
| Buffer | 50mM Sodium Borate |
| Product Description | |
| Host | Mouse |
| Species | Non-species specific |
| Reactivity Notes | Human reactivity reported in scientific literature (PMID: 26067754). |
| Specificity/Sensitivity | 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. |
| Immunogen | Bromodeoxyuridine/BrdU conjugated to hemocyanine (isolated from <i>Helix pomatia</i>) |
| Notes | <p>Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@lifetech.com. 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.</p> |
| Product Application Details | |
| Applications | Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready |



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|------------------------------|--|
| Recommended Dilutions | Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, CyTOF-ready |
| Application Notes | Optimal dilution of this antibody should be experimentally determined. |





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Products Related to NBP2-68041AF700

| | |
|------------|--|
| IC002N | Mouse IgG1 Isotype Control (11711) [Alexa Fluor® 700] |
| NBP3-07125 | Bromodeoxyuridine/BrdU MCF-7 Cell Line Slides (Adult Adenocarcinoma)- Paraffin |

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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