

# Product Datasheet

## Bromodeoxyuridine/BrdU Antibody (MoBu-1) - IHC- Prediluted NBP2-48373

Unit Size: 7 ml

Store at 4C.

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### Publications: 1

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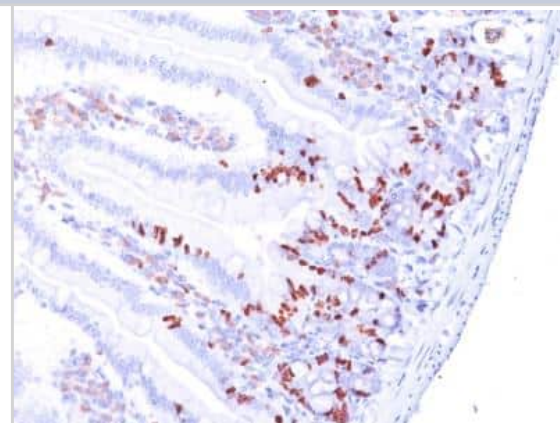
**NBP2-48373****Bromodeoxyuridine/BrdU Antibody (MoBu-1) - IHC-Prediluted**

<b>Product Information</b>	
<b>Unit Size</b>	7 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	MoBu-1
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	10 mM PBS with 0.05% BSA
<b>Product Description</b>	
<b>Description</b>	The prediluted antibody does not require any mixing, dilution, reconstitution, or titration; the antibody is ready-to-use and optimized for staining.
<b>Host</b>	Mouse
<b>Species</b>	Non-species specific
<b>Reactivity Notes</b>	Human reactivity reported in scientific literature (PMID: 26067754).
<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 hemocyanine (isolated from Helix pomatia)
<b>Product Application Details</b>	
<b>Applications</b>	Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Application Notes</b>	Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. For staining of formalin-fixed tissues, incubate sections in 4N HCl for 30 minutes at RT followed by digestion with trypsin at 1mg/ml PBS, 10 min at 37C. Optimal dilution for a specific application should be determined.



## Images

Immunohistochemistry-Paraffin: Bromodeoxyuridine/BrdU Antibody (MoBu-1) - IHC-Prediluted [NBP2-48373] - Formalin-fixed, paraffin-embedded Mouse Small Intestine stained with BrdU Monoclonal Antibody (MoBu-1).



## Publications

Abedin MR, Powers K, Aiardo R et al. Antibody-drug nanoparticle induces synergistic treatment efficacies in HER2 positive breast cancer cells Sci Rep 2021-04-02 [PMID: 33795712]

Details:

Citation using the IHC-Prediluted format of this antibody.



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### **Products Related to NBP2-48373**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
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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