

Datasheet for ABIN6941340  
**anti-BrdU antibody**



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3 Images

### Overview

Quantity:	100 µg
Target:	BrdU
Reactivity:	Please inquire
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This BrdU antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Neutralization (Neut), Staining Methods (StM)

### Product Details

Immunogen:	Bromodeoxyuridine (BrdU) conjugated to KLH
Clone:	BRD469
Isotype:	IgG1 kappa
Specificity:	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.
Purification:	Purified by Protein A/G

### Target Details

Target:	BrdU
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## Target Details

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Alternative Name: Bromodeoxyuridine (BrdU) (Proliferation Marker) ([BrdU Products](#))

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Target Type: Chemical

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Molecular Weight: 307Da

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## Application Details

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Application Notes: Positive Control: Cells grown in presence of BrdU or tissues from experimental animals injected with BrdU.

Known Application: Immunohistochemistry (Formalin-fixed) (0.5-1 µg/mL for 30 minutes at RT) (Use Ab at 1 µg/mL for 30 minute at RT)[For staining of formalin-fixed tissues, incubate sections in 4N HCl for 30 minutes at RT followed by digestion with trypsin at 1 mg/mL PBS, 10 min at 37oC (Cat. #AP-9008)]Optimal dilution for a specific application should be determined.

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Restrictions: For Research Use only

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## Handling

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Concentration: 200 µg/mL

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Buffer: 10 mM PBS with 0.05 % BSA & 0.05 % azide.

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Preservative: Sodium azide

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Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: 4 °C,-80 °C

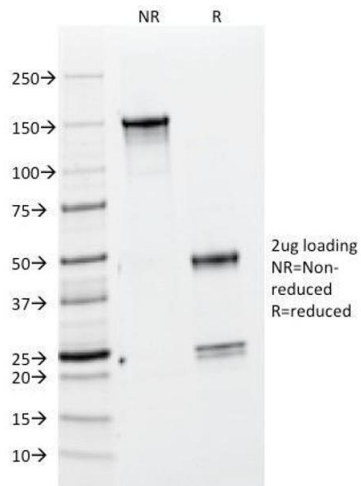
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Storage Comment: Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

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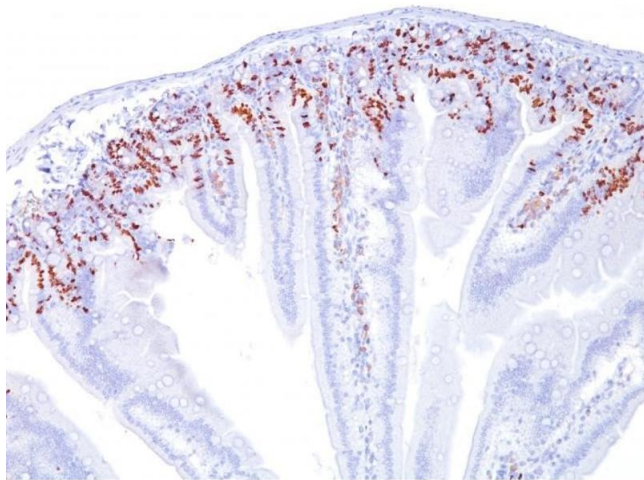
Expiry Date: 24 months

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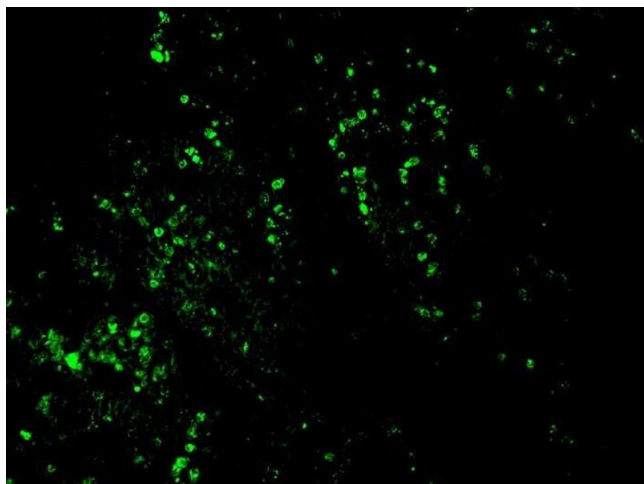
### SDS-PAGE

**Image 1.** SDS-PAGE Analysis Purified BrdU Mouse Monoclonal Antibody (BRD469).



### Immunohistochemistry

**Image 2.** Formalin-fixed, paraffin-embedded Mouse Small Intestine stained with BrdU Mouse Monoclonal Antibody (BRD469).



### Immunohistochemistry

**Image 3.** Formalin-fixed, paraffin-embedded Rat Kidney stained with AF488-conjugated BrdU Mouse Monoclonal Antibody (BRD469).