

## Mouse Brdu Monoclonal Antibody | anti-Brdu antibody

Brdu Monoclonal Antibody

|                               |                      |                                        |                                                                 |
|-------------------------------|----------------------|----------------------------------------|-----------------------------------------------------------------|
| CATALOG #<br><b>AAA174505</b> | HOST<br><b>Mouse</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunofluorescence, Immunohistochemistry</b> |
|-------------------------------|----------------------|----------------------------------------|-----------------------------------------------------------------|

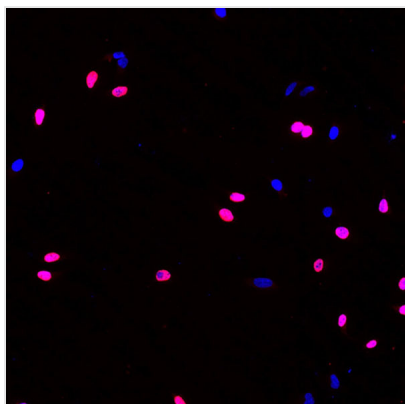
### PRODUCT SYNONYMS

Brdu; Monoclonal Antibody; Brdu Monoclonal Antibody; Bromodeoxyuridine; Bromodeoxyuridine; 5-Bromo-2'-deoxyuridine; 5-BrdU; Proliferation Marker; 5-Bromo-2-deoxyUridine.; anti-Brdu antibody

### PRODUCT SPECIFICATIONS

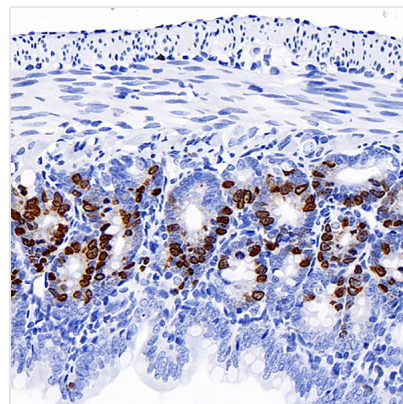
|                                                |                                                               |
|------------------------------------------------|---------------------------------------------------------------|
| Host                                           | Mouse                                                         |
| Reactivity                                     | Human, Mouse, Rat                                             |
| Clonality                                      | Monoclonal                                                    |
| Isotype                                        | IgG                                                           |
| Clone Number                                   | 4B6C12                                                        |
| Purity/Purification                            | Affinity Purification                                         |
| Form/Format                                    | PBS with 0.02% sodium azide, 100 mug/ml BSA and 50% glycerol. |
| Concentration                                  | 0.7 mg/mL (varies by lot)                                     |
| Applicable Applications for anti-Brdu antibody | IF (Immunofluorescence), IHC (Immunohistochemistry)           |
| Immunogen                                      | KLH conjugated BrdU                                           |
| Conjugation                                    | Unconjugated                                                  |
| CAS Number                                     | 59-14-3                                                       |
| Preparation and Storage                        | Store at -20 degree C. Avoid freeze/thaw cycles.              |

### IMAGES



**IF (Immunofluorescence)**

Immunofluorescence analysis of Hela cells (treated with 0.03mg/ml BrdU for 40 min) using Brdu Monoclonal Antibody at dilution of 1:100.



**IHC (Immunohistochemistry)**

Immunohistochemistry analysis of paraffin-embedded mouse jejunum (intraperitoneal injection BrdU every 2 hours for 4 times) using Brdu Monoclonal Antibody at dilution of 1:300.

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-BrdU antibody | Bromodeoxyuridine (5-bromo-2'-deoxyuridine, BrdU, BUdR, BrdUrd) is a synthetic nucleoside that is an analog of thymidine. It can be incorporated into the newly synthesized DNA of replicating cells (during the S phase) by substituting for thymidine during DNA replication. As such, BrdU is used for birth dating and monitoring cell proliferation. BrdU is a toxic and mutagenic substance. It triggers cell death, the formation of teratomas, lengthens the cell cycle, and has mitogenic, transcriptional and translational effects on cells that incorporate it. |
| Product Categories/Family for anti-BrdU antibody   | Cell Biology; Neuroscience; Tags & Cell Markers; Epigenetics and Nuclear Signaling                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/brdu-antibody-clone-4b6c12-immunofluorescence-immunohistochemistry-elisa/174505>