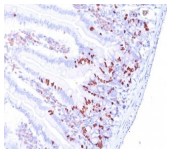
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# BrdU Monoclonal Mouse Antibody (85-2C8)



## Product Description

Bromodeoxyuridine (BrdU) is a synthetic nucleoside thymidine analog. It is commonly used to detect proliferation in cells. In cells cultured in the presence of BrdU, BrdU will incorporate into newly synthesized DNA during S-phase. Antibodies specific for BrdU can then be used to detect replicated DNA.

This antibody is available purified, with BSA (0.2 mg/mL) or purified, BSA-free (1 mg/mL). **Catalog number key for antibody number 0886, Anti-BrdU (85-2C8)**

## Product attributes

| | |
|---|---|
| **Antibody number** | #0886 |
| **Antibody reactivity (target)** | BrdU |
| **Antibody type** | Primary |
| **Host species** | Mouse |
| **Clonality** | Monoclonal |
| **Clone** | 85-2C8 |
| **Isotype** | IgG1, kappa |
| **Molecular weight of antigen** | Depends on the target |
| **Synonyms** | Bromodeoxyuridine; 5-bromo-2-deoxyuridine |
| **Human gene symbol** | Not Applicable |
| **Entrez gene ID** | Not Applicable |
| **SwissProt** | Not Applicable |
| **Unigene** | Not Applicable |
| **Immunogen** | Bromodeoxyuridine (BrdU) conjugated to hemocyanine (isolated from Helix pomatia) |
| **Verified antibody applications** | IHC (FFPE) (verified) |
| **Antibody target cellular localization** | Nucleus |
| **Species reactivity** | All species |
| **Antibody application notes** | Immunofluorescence 0.5-1 ug/mL, Flow Cytometry 0.5-1 ug/million cells/0.1 mL |
| **Positive control** | Cells grown in presence of BrdU or tissues from experimental animals injected with BrdU |
| **Shipping condition** | Room temperature |
| **Storage Conditions** | Store at 2 to 8 °C, Protect fluorescent conjugates from light, Note: store BSA-free antibodies at -10 to -35 °C |
| **Shelf life** | Guaranteed for at least 24 months from date of receipt when stored as recommended |
| **Regulatory status** | For research use only (RUO) |
| **Antibody/conjugate formulation** | Conjugates: 0.1 mg/mL in PBS/0.1% BSA/0.05% azide, HRP conjugates: 0.1 mg/mL in PBS/0.05% BSA, Purified: 0.2 mg/mL in PBS/0.05% BSA/0.05% azide, Purified, BSA-free: 1 mg/mL in PBS without azide |
| **Antibody research areas** | Cancer, Cell cycle |
| **Product origin** | Product may contain either bovine serum albumin (BSA) from bovine serum (Bos taurus), or recombinant BSA produced in Chinese hamster ovary cells. Inquire for the specific lot. |

| Antibody # prefix | Conjugation | Ex/Em (nm) | Laser line | Detection channel | Dye Features |
|---|---|---|---|---|---|
| BNC04 | CF®405S | 404/431 | 405 | DAPI (microscopy), AF405 | CF®405S Features |
| BNC88 | CF®488A | 490/515 | 488 | GFP, FITC | CF®488A Features |
| BNC68 | CF®568 | 562/583 | 532, 561 | RFP, TRITC | CF®568 Features |
| BNC94 | CF®594 | 593/614 | 561 | Texas Red® | CF®594 Features |
| BNC40 | CF®640R | 642/662 | 633-640 | Cy®5 | CF®640R Features |
| BNC47 | CF®647 | 650/665 | 633-640 | Cy®5 | CF®647 Features |
| BNC74 | CF®740 | 742/767 | 633-685 | 775/50 | CF®740 Features |
| BNCB | Biotin | N/A | N/A | N/A | |
| BNUB | Purified | N/A | N/A | N/A | |
| BNUM | Purified, BSA-free | N/A | N/A | N/A | |

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