

bs-0917R**[Primary Antibody]****BrdU(Proliferation Marker) Rabbit pAb****Bioss**
ANTIBODIES

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: ELISA (1:5000-10000)
Clonality: Polyclonal		Reactivity: Species independent
Target: BrdU(Proliferation Marker)		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		Predicted MW.: 0.3071 kDa
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		Subcellular Location: Nucleus
Background: The immunocytochemical detection of bromodeoxyuridine (BrdU) incorporated into DNA is a powerful tool to study the cytokinetics of normal and neoplastic cells. In vitro or in vivo labeling of tumor cells with the thymidine analogue BrdU and the subsequent detection of incorporated BrdU with specific anti-BrdU monoclonal antibodies is an accurate and comprehensive method to quantitate the degree of DNA-synthesis. BrdU is incorporated into the newly synthesized DNA of S-phase cells may provide an estimate for the fraction of cells in S-phase. Also dynamic proliferative information such as the S-phase transit rate and the potential doubling time can be obtained, by means of bivariate BrdU/DNA flow cytometric analysis		

— SELECTED CITATIONS —

- **[IF=6.656]** Wei Hao. et al. Classical prescription Huanglian Decoction relieves ulcerative colitis via maintaining intestinal barrier integrity and modulating gut microbiota. PHYTOMEDICINE. 2022 Sep;;154468 IF ;Mouse. 36209702
- **[IF=5.195]** Lu Hong. et al. Investigation of Naoluoxintong on the neural stem cells by facilitating proliferation and differentiation in vitro and on protecting neurons by up-regulating the expression of nestin in MCAO rats. J ETHNOPHARMACOL. 2022 Sep;;115684 IF ;Rat. 36058480
- **[IF=3.659]** Wang, Xiao-feng. et al. Active constituent of Polygala tenuifolia attenuates cognitive deficits by rescuing hippocampal neurogenesis in APP/PS1 transgenic mice. BMC Complement Altern M. 2021 Dec;21(1):1-15 IF ;Mouse. 34696749
- **[IF=2.7]** Tetsuya Tani. et al. Immortalization of American miniature horse-derived fibroblast by cell cycle regulator with normal karyotype. PEERJ. 2024 Jan;12:e16832 Other ;Horse. 38288466