
BrdU(Proliferation Marker) Rabbit pAb

Catalog Number: bs-0489R

Target Protein: BrdU(Proliferation Marker)

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: ELISA (1:5000-10000)

Reactivity: Species independent

Predicted MW: 0.3071 kDa

Purification: affinity purified by Protein A

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.

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

PRODUCT SPECIFIC PUBLICATIONS

[IF=12.121] Victoria Gudiño. et al. RAC1B modulates intestinal tumorigenesis via modulation of WNT and EGFR signalling pathways. Nat Commun. 2021 Apr;12(1):1-17 IHC ; Mouse . 33879799

[IF=10.479] Shiyun Chen. et al. Targeted delivery of Chinese herb pair-based berberine/tannin acid self-assemblies for the treatment of ulcerative colitis. J Adv Res. 2021 Nov;; IF ; Mouse . 10.1016/j.jare.2021.11.017

[IF=6.1] Hao Wu. et al. Nattokinase Promotes Post-stroke Neurogenesis and Cognition Recovery via Increasing Circulating Irisin. J AGR FOOD CHEM. 2023;XXXX(XXX):XXX-XXX IF ; Rat . 37466380

[IF=4.652] Chen et al. Sodium iodate influences the apoptosis, proliferation and differentiation potential of radial glial cells in vitro. (2014) Cell.Physiol.Bioche. 34:1109-24 ICC ; Rat . 25277056

[IF=3.73] Giuliani, Daniela, et al. "NDP- α -MSH induces intense neurogenesis and cognitive recovery in Alzheimer transgenic mice through activation of melanocortin MC 4 receptors." *Molecular and Cellular Neuroscience* (2015). IHC ; ="Mouse" . 26003413