

Monoclonal Mouse Antibody to Human Bromodeoxyuridine (BrdUrd)

Description:

Immunogen:	BALB/C mice were injected with Bromodeoxyuridine conjugated to bovine serum albumin.
Clone:	Bu20a.
Isotype:	IgG1, Kappa.
Format:	This antibody is supplied as tissue culture supernatant containing sodium azide as preservative.
Specificity:	This antibody is specific to BrdUrd in single-stranded DNA, free BrdUrd or BrdUrd coupled to a protein carrier. It also binds to cells that have incorporated BrdUrd into their DNA during S-phase of the cell cycle.
Titer/Working Dilution:	This antibody may be diluted to a titer of 1:30-1:100 in an immunohistochemistry application. However, depending on the staining conditions employed, we suggest that final dilution should be determined by the user.

Uses/Limitations: Immunohistochemistry
For Research Use Only.
Do not use past expiration date.

Storage: 2-8° Centigrade.

Procedure: We suggest an incubation period of 30-60 minutes at room temperature. However, depending upon the fixation conditions and the staining system employed, optimal incubation should be determined by the user. Enzymatic predigestion with proteolytic enzymes is recommended, which should be followed by 45 minutes incubation in 95% formamide in 0.15 M trisodium citrate at 70 degrees celcius.

Precautions: Contains Sodium Azide as a preservative.
Do not pipette by mouth.

References:

- i) Gratzner et al. Science 218: 474, 1982.
- ii) Vanderlaan et al. Cytometry 6: 501, 1985.
- iii) Magaud et al. J Histochem Cytochem 37: 1517,1989.