

Product: Anti-5-Bromodeoxyuridine FITC
Catalog #: 03-61016, with Evans Blue
03-61041, without Evans Blue
Amount: 500 ml

CATEGORY: Mouse monoclonal
CLONE DETERMINATION: BU5.1
IMMUNOGLOBULIN CLASS: IgG2a
IMMUNOGEN: Bromodeoxyuridine
PURIFICATION: SpAss-Protein A (recombinant)
ANTIGEN RECOGNIZED IN SPECIES: All DNA containing species, after incorporation of BrdU
SPECIAL NOTE: This FITC-labelled antibody is a specific for bromodesoxyuridine and does not cross-react with thymidine. It is a valuable tool for detection of S-phase (DNA -synthesizing cells); ³H-thymidine labelling techniques can be avoided.
Denaturation of DNA with HCl is necessary before this Mab is USED.
Staining instruction is available upon request.
APPLICATION: Rapid detection of bromodeoxyuridine incorporation in tissue and cell culture
REACTIVITIES ON CULTURED LINES: Mammalian cell lines: eg P3X-63Ag8, McCoy, MCF-7; insect cell lines eg Cp 169; bacterial plasmids (after incorporation with BrdU)
STRUCTURES AND TISSUES SPECIFICALLY DETECTED: Dividing cells in each, tissue and cell culture.
WORKING DILUTION: Ready to Use
INCUBATION TIME: 30 minutes at room temperature.
STORAGE: 2-8°C for immediate use or at -20°C (aliquot)

REFERENCES:
Hosihno, T. et al. (1985) Cytometrie 6: 627-632

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