

## BrdU

CONTACT INFORMATION:	University of Oxford marketed by Ximbio.com
TYPE:	mouse anti human
CLONE NAME:	BU20a
PROTEIN:	Bromodeoxyuridine (BrdU)
ANTIGEN USED:	Bromodeoxyuridine conjugated to BSA
FUSION PARTNER:	P3/NS1/1-Ag4.1
ISOTYPE:	IgG1
SPECIES REACTIVITY:	Human
PREPARATION AND STORAGE:	Aliquot and store at 4C. Do not freeze
COMMERCIALIZED BY:	Ximbio.com
APP RECOMMENDED:	FACS IHC IF

### DESCRIPTION

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BrdU is an analogue of thymidine and is taken up into the DNA of proliferating cells. Bu20a works well in immunohistochemistry to identify cells in tissue sections or cytospin preparations that have incorporated BrdU. It is also useful to identify cells in S phase during FACS analysis.

### PUBLICATION DESCRIBING ANTIBODY CHARACTERIZATION/VALIDATION

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J Histochem Cytochem. 1989 Oct;37(10):1517-27.

Double immunocytochemical labeling of cell and tissue samples with monoclonal anti-bromodeoxyuridine.

Magaud JP1, Sargent I, Clarke PJ, Ffrench M, Rimokh R, Mason DY.

PMID: 2476478

<https://www.ncbi.nlm.nih.gov/pubmed/2476478>