



11-682-C025

Monoclonal Antibody to 5-bromodeoxyuridine (BrdU) Purified Antibody (0.025 mg)

Clone:	Bu20a
Isotype:	Mouse IgG1
Specificity:	The antibody Bu20a reacts specifically with BrdU incorporated into DNA during S-phase of a cell cycle. It is useful for detecting proliferating cells by flow cytometry or immunohistochemistry staining.
Regulatory Status:	RUO
Immunogen:	Bromodeoxyuridine conjugated to BSA
Application:	Flow Cytometry Immunohistochemistry (paraffin sections) Immunohistochemistry (frozen sections)
Purity:	> 95% (by SDS-PAGE)
Purification:	Purified by protein-A affinity chromatography
Concentration:	1 mg/ml
Storage Buffer:	Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.4
Storage / Stability:	Store at 2-8°C. Do not freeze. Do not use after expiration date stamped on vial label.
Expiration:	See vial label
Lot Number:	See vial label
Background:	Bromodeoxyuridine (BrdU) is a thymidine analog which is selectively incorporated into the DNA of proliferating cells to provide a marker for the DNA being replicated. The number of proliferating cells can then be detected in cell lysates, tissue sections or suspensions using an antibody specific for the BrdU.

For laboratory research only, not for drug, diagnostic or other use.

**Antibodies****References:**

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- *Martín CA, Surur JM, García MN, Corrons F, Badrán AF: Comparative study of DNA synthesis and nucleolar organizer regions of sinusoid littoral cells in mouse regenerating liver. *Biocell.* 2005 Apr;29(1):33-8.
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- *And many other.

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