

Technical Data Sheet

Product

Anti-BrdU APC

Cat. Number/Size

1A-682-T100

100 tests

For Research Use Only.

Not for use in diagnostic or therapeutic procedures.

Antigen	BrdU
Clone	Bu20a
Format	APC
Application	FC-IC (QC tested)
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 10 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests. Intracellular staining.
Excitation laser	red (633 nm)
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. It cross-reacts with EdU.
Other names	5-bromodeoxyuridine
Immunogen	Bromodeoxyuridine conjugated to BSA

Preparation	Purified antibody is conjugated with activated allophycocyanin (APC) under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.
Formulation	Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage and handling	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.

Images and References	www.exbio.cz
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