Purified Mouse Anti-5-bromodeoxyuridine (BrdU) 
Monoclonal Antibody

CLX474AP 
Lot: 

Clon: 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.

Immunogen: Bromodeoxyuridine conjugated to BSA 

Application: Flow Cytometry 
Immunohistochemistry (paraffin sections) 
Immunohistochemistry (frozen sections) 

Purity: > 95% (by SDS-PAGE) 
Purification: Purified from cell culture supernatant by protein-A affinity chromatography. 

Concentration: 1 mg/ml 

Storage Buffer: Tris buffered saline (TBS) with 15 mM sodium azide, approx. pH 8.0. 

Storage / Stability: Store at 2-8°C. Do not freeze. Do not use after expiration date stamped on 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. 

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References:


