

## Anti-5-BrdU Polyclonal Antibody

### Product Details

Ig Type:	IgG
Reactivity:	(predicted:Species independent)
Molecular Weight:	Theoretical: 0.3071 kDa.
Purification:	Protein A purified

### Applications

Application:	ELISA
Recommended	ELISA: 1:5000-10000

### Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen:	KLH conjugated Brdu
Synonyms:	BrdU (Proliferation Marker);5-Bromo-2-deoxyUridine;5-Bromo-2'-deoxyuridine; Bromodeoxyuridine
Biology Area:	Markers,DNA / Nucleotides,Soma marker,Replication

### Research Background

The immunocytochemical detection of bromodeoxyuridine (BrdU) incorporated into DNA is a powerful tool to study the cytokinetics of normal and neoplastic cells. In vitro or in vivo labeling of tumor cells with the thymidine analogue BrdU and the subsequent detection of incorporated BrdU with specific anti-BrdU monoclonal antibodies is an accurate and comprehensive method to quantitate the degree of DNA-synthesis.

BrdU is incorporated into the newly synthesized DNA of S-phase cells may provide an estimate for the fraction of cells in S-phase. Also dynamic proliferative information such as the S-phase transit rate and the potential doubling time can be obtained, by means of bivariate BrdU/DNA flow cytometric analysis

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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