



[Go to Product page](#)

Datasheet for ABIN885501  
**anti-BrdU antibody (AbBy Fluor® 555)**

### Overview

Quantity:	100 µL
Target:	BrdU
Reactivity:	Please inquire
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BrdU antibody is conjugated to AbBy Fluor® 555
Application:	Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc))

### Product Details

Immunogen:	BrdU conjugated to KLH
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Cross-Reactivity (Details):	BrdU
Purification:	Purified by Protein A.

### Target Details

Target:	BrdU
Alternative Name:	BrdU ( <a href="#">BrdU Products</a> )
Target Type:	Chemical

## Target Details

---

Background:	<p>Synonyms: Bromodeoxyuridine, Bromodeoxyuridine, 5-Bromo-2-deoxyuridine, 5-BrdU, proliferation Marker.</p> <p>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 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</p>
-------------	--

## Application Details

---

Application Notes:	IF(IHC-P) 1:50-200
Restrictions:	For Research Use only

## Handling

---

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months