

Datasheet for ABIN285018

**anti-BrdU antibody**

10 Publications

[Go to Product page](#)

## Overview

Quantity:	250 µg
Target:	BrdU
Reactivity:	Please inquire
Host:	Sheep
Clonality:	Polyclonal
Conjugate:	This BrdU antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunochromatography (IC)

## Product Details

Immunogen:	BRDU antibody was raised in sheep using BrdU coupled to KLH as the immunogen.
Cross-Reactivity (Details):	Not species specific. Nucleotide is present in all species. Very low cross reactivity to 5-methyl cytosine.
Purification:	purified

## Target Details

Target:	BrdU
Alternative Name:	<a href="#">BRDU (BrdU Products)</a>
Target Type:	Chemical
Background:	Bromodeoxyuridine is a synthetic nucleoside that is an analogue of thymidine. BrdU is commonly used in the detection of proliferating cells in living tissues. It can be incorporated into the newly synthesized DNA of replicating cells (during the S phase of the cell cycle),

## Target Details

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substituting for thymidine during DNA replication. Antibodies specific for BrdU can then be used to detect the incorporated chemical.

## Application Details

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Application Notes: IC: 10 µg/mL, IHC: 10 µg/mL, IP: 25-100 µg/mL  
Optimal conditions should be determined by the investigator.

Restrictions: For Research Use only

## Handling

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Concentration: Lot specific

Buffer: Protein G purified and supplied in PBS buffer, with no preservative.

Preservative: Without preservative

Handling Advice: Avoid repeated freeze/thaw cycles.  
Dilute only prior to immediate use.

Storage: -20 °C/-80 °C

Storage Comment: Aliquot and store at -20 °C for short term storage, -70 °C for long-term storage.

## Publications

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Product cited in: Douvaras, Dorà, Mort, Lodge, Hill, West: "Abnormal corneal epithelial maintenance in mice heterozygous for the micropinna microphthalmia mutation Mp." in: **Experimental eye research**, Vol. 149, pp. 26-39, (2017) ([PubMed](#)).

Simitsidellis, Gibson, Cousins, Esnal-Zufiaurre, Saunders: "A Role for Androgens in Epithelial Proliferation and Formation of Glands in the Mouse Uterus." in: **Endocrinology**, Vol. 157, Issue 5, pp. 2116-28, (2017) ([PubMed](#)).

Vitte, Gao, Coppola, Judkins, Giovannini: "Timing of Smarcb1 and Nf2 inactivation determines schwannoma versus rhabdoid tumor development." in: **Nature communications**, Vol. 8, Issue 1, pp. 300, (2017) ([PubMed](#)).

Chang, Morrison, Nilsson, Kenyon, West, Morley: "Cell proliferation, movement and differentiation during maintenance of the adult mouse adrenal cortex." in: **PLoS ONE**, Vol. 8,

Issue 12, pp. e81865, (2014) ([PubMed](#)).

Sountoulidis, Stavropoulos, Giaglis, Apostolou, Monteiro, Chuva de Sousa Lopes, Chen, Stripp, Mummery, Andreakos, Sideras: "Activation of the canonical bone morphogenetic protein (BMP) pathway during lung morphogenesis and adult lung tissue repair." in: **PLoS ONE**, Vol. 7, Issue 8, pp. e41460, (2012) ([PubMed](#)).

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