

Rabbit BrdU Polyclonal Antibody | anti-BrdU antibody

Rabbit Anti BrdU

CATALOG #	HOST	APPLICATIONS
AAA50319	Rabbit	Immunohistochemistry, Immunofluorescence, Immunocytochemistry, Flow Cytometry, Functional Assay

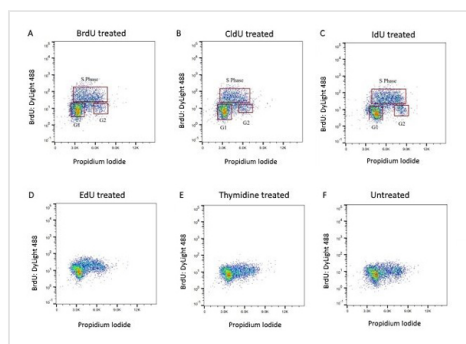
PRODUCT SYNONYMS

BrdU; Polyclonal Antibody; Rabbit Anti BrdU; BrdU antibody; anti-BrdU antibody

PRODUCT SPECIFICATIONS

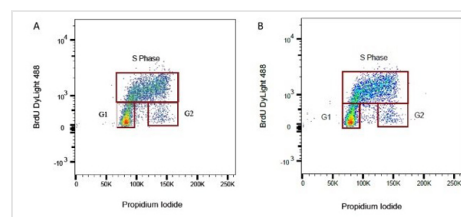
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Purified IgG
Form/Format	Liquid; Phosphate Buffered Saline
Concentration	1.0 mg/ml (varies by lot)
Applicable Applications for anti-BrdU antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry), FCM/FACS (Flow Cytometry)
Immunogen	Bromodeoxyuridine conjugated to KLH
Target Species	Chemical
Antiserum Preparation	Antiserum to BrdU was raised by repeated immunization of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
Preservative Stabilizers	<0.1% Sodium Azide (NaN ₃)
Preparation and Storage	Store at -20 degree C only. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

IMAGES



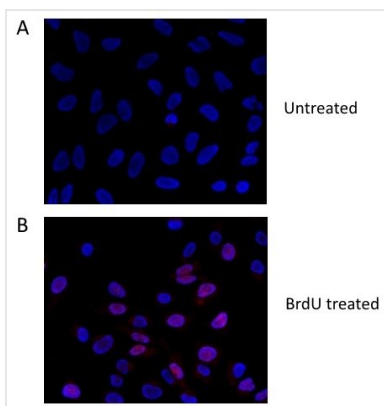
Application Data

Jurkat cells were treated with 10 μ M BrdU (A), CldU (B), IdU (C), EdU (D), Thymidine (E) or left untreated (F). Cells were stained with 1 μ g/ml Rabbit anti BrdU antibody for 1 hour at room temperature. As a secondary antibody, Sheep anti Rabbit IgG DyLight488 conjugated antibody was used at a 1/100 dilution. Propidium Iodide was used to stain total DNA.



Application Data

BrdU-labeled human lymphoma cells were stained with rabbit anti-BrdU antibody at a 1/50 dilution (A) and a 1/100 dilution (B). Sheep anti Rabbit IgG DyLight 488 conjugated antibody was used as the secondary detection reagent at a 1/50 dilution. READIDROP Propidium Iodide (1351101) was used to stain total DNA.



Application Data

Hella Cells were treated with 10 mug BrdU for 1 hour (B) or left untreated (A). Cells were stained with rabbit anti-BrdU antibody at a dilution of 1/500. As a secondary antibody, sheep anti rabbit IgG DyLight 549 conjugated antibody was used at a 1/50 dilution. PureBlu DAPI (1351303) was used as nuclear counterstain.

ADDITIONAL INFORMATION

Related Product Information for anti-BrdU antibody

Rabbit anti BrdU antibody recognizes bromodeoxyuridine (known as BrdU or BrdUrd). BrdU is a synthetic thymidine analog, which when added to cell culture media can be incorporated into the DNA of replicating cells as a substitute for thymidine. This characteristic combined with the ease of detecting incorporated BrdU with the help of anti-BrdU antibodies has resulted in establishing BrdU as a key tool for the visualization of cells in the S-Phase of the cell cycle.

BrdU is also commonly used in vivo for monitoring cell proliferation in model systems; BrdU can be administered via intraperitoneal injection, subcutaneous osmotic pump implants (Tesfaiqzi et al. 2004) or in drinking water (Moser et al. 2004).

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/brdu-antibody-immunohistochemistry-immunofluorescence-immunocytochemistry-flow-cytometry-elisa/50319>