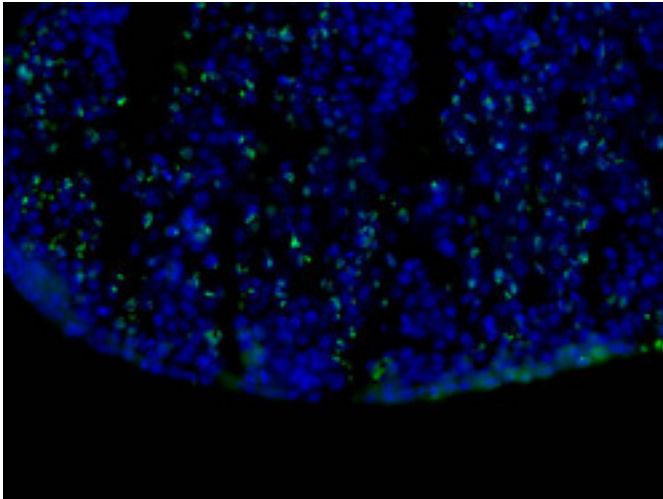


BrdU Mouse Monoclonal (29G6.E8) Antibody - LS-C209697 - LSBio	
<b>CatalogID:</b>	LS-C209697
<b>Target:</b>	Bromodeoxyuridine (BrdU)
<b>Host</b>	Bromodeoxyuridine (BrdU) antibody was produced in Mouse
<b>Clonality:</b>	Monoclonal
<b>Clone Name:</b>	29G6.E8
<b>Antigen Type:</b>	Hapten
<b>Immunogen:</b>	BrdU antibody was raised against anti-BrdU monoclonal antibody was produced in mice by repeated immunizations prepared via immunizations with Bromodeoxyuridine-KLH followed by hybridoma development.
<b>Specificity:</b>	Anti-BrdU Monoclonal Antibody was purified from ascites fluid by Protein A chromatography. This antibody reacts strongly with BrdU. Cross-reactivity is observed with CldU and IdU.
<b>Purification:</b>	Protein A purified
<b>Presentation:</b>	0.02 M potassium phosphate, 0.15 M sodium chloride, pH 7.2, sterile filtered
<b>Recommended Storage:</b>	Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Centrifuge product before removing cap. Only dilute immediately prior to use.
<b>Usage Summary:</b>	Anti-BrdU Antibody has been tested as suitable for immunoblot assays. Antibody may be suitable for additional immunoassays including immunofluorescence, flow cytometry and immunohistochemistry. Antibody will detect incorporated BrdU thymidine analog from replicated cells.
<b>Uses:</b>	IHC (1:100 - 1:500), Immunofluorescence (1:500 - 1:3000), Western blot (1:2000 - 1:5000), ELISA (1:2000 - 1:10000) (Optimal dilution to be determined by the researcher)
<b>Size:</b>	100 µg

**Immunofluorescence Image:**



Immunofluorescence Microscopy of Mouse Anti-BrdU antibody. Tissue: OCT-embedded E10.5 mouse embryo. Localization: 40X, section through the developing limb bud. Fixation: 4% PFA. Antigen retrieval: not required. Primary antibody: BrdU antibody at 1:500 in 0.4% PBS+Triton with 1% normal sheep serum overnight at 4 degrees C. Secondary antibody: Alexa Fluor 488 Anti-Mouse secondary antibody at 1:200 for 45 min at RT. Staining: Double labeled (green/blue) cells represent cells that were actively dividing.

**Requested From:**

Japan

Laboratory Reagent For In Vitro Research Use Only

Not for resale without prior written consent from LifeSpan BioSciences, Inc.

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