

Mouse anti-All species Bromodeoxyuridine (BrdU) Monoclonal Antibody | anti-BrdU antibody

Bromodeoxyuridine (BrdU) (Proliferation Marker) Mouse Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA62764	Mouse	All species	Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay

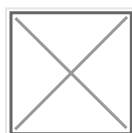
PRODUCT SYNONYMS

Bromodeoxyuridine (BrdU); Monoclonal Antibody; Bromodeoxyuridine (BrdU) (Proliferation Marker) Mouse Monoclonal Antibody; Bromodeoxyuridine; BUdr; anti-BrdU antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	All species
Clonality	Monoclonal
Isotype	IgG1
Clone Number	85-2C8
Specificity	It reacts with Bromodeoxyuridine (BrdU) in single stranded DNA (produced by partial denaturation of double stranded DNA), BrdU coupled to a protein carrier, as well as free BrdU. BrdU is a thymidine analog, incorporated into cell nuclei during DNA synthesis prior to mitosis. Antibody to BrdU is helpful in detecting S-phase cells, providing useful information on the aggressiveness of tumors.
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Applicable Applications for anti-BrdU antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Cellular Localization	Nuclear
Immunogen	Bromodeoxyuridine (BrdU) conjugated to hemocyanine (isolated from Helix pomatia)
Positive Control	Cells grown in presence of BrdU or tissues from experimental animals injected with BrdU
Preparation and Storage	Antibody with azide - store at 2 to 8 degree C. Antibody without azide - store at -20 to -80 degree C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



IHC (Immunohistochemistry)

Formalin-fixed, paraffin-embedded Mouse Small Intestine stained with BrdU Monoclonal Antibody (85-2C8).

ADDITIONAL INFORMATION

References	Acta Histochemica, Supplement. Band XXXVI. 353-359 (1988). Raza A, Ucar K and Preisler H D. Cytometry. 6: 633-640 (1985). Raza A, Preisler H D, Mayers G L, et al. New England Journal of Medicine. 310 (15): 991 (1984). Gratzner H G. Science. 218: 474-475 (1982)
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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/monoclonal/bromodeoxyuridine-brdu-antibody-clone-85-2c8-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/62764>