

## 36-3768: Anti-Bromodeoxyuridine (BrdU) (Proliferation Marker) Monoclonal Antibody(Clone: BU20a)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	BU20a
<b>Application :</b>	FACS,IF,IHC
<b>Reactivity :</b>	All species
<b>Alternative Name :</b>	Bromodeoxyuridine, BUdr
<b>Isotype :</b>	Mouse IgG1, kappa
<b>Immunogen Information :</b>	Bromodeoxyuridine (BrdU) conjugated to KLH

### Description

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.

### Product Info

<b>Amount :</b>	20 µg / 100 µg
<b>Content :</b>	200 µg/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.
<b>Storage condition :</b>	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous.

### Application Note

Flow Cytometry (1-2ug/million cells); Immunofluorescence (1-2ug/ml); Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT) [For staining of formalin-fixed tissues, incubate sections in 4N HCl for 30 minutes at RT followed by digestion with trypsin at 1mg/ml PBS, 10 min at 37°C]

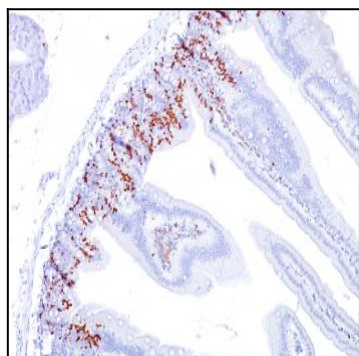


Fig. 1: Formalin-fixed, paraffin-embedded Mouse Small Intestine stained with BrdU Monoclonal Antibody (BU20a).