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## 36-11101: Monoclonal Antibody to Bromodeoxyuridine (BrdU) (Proliferation Marker)(Clone: MoBu-1)

Clonality: Monoclonal
Clone Name: MoBu-1
Application: FACS,IF,IHC
Reactivity: All species
Format: Purified

**Isotype:** Mouse IgG1, kappa

Immunogen Information: Bromodeoxyuridine (BrdU) conjugated to hemocyanine (isolated from Helix pomatia)

## **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**

**Amount :** 100 μg

**Purification:** Affinity Chromatography

Content: 100 μg in 500 μl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly

toxic

Storage condition:

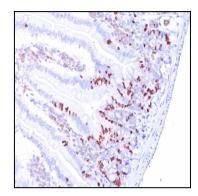
Storage condition:

Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid

repeated freeze and thaw cycles.

## **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 37oC



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