Anti-Bromodeoxyuridine (BrdU) Antibody (SPM166)

CATALOG NO: A1449-100

ALTERNATIVE NAMES: Bromodeoxyuridine, BUdr

AMOUNT: 100 µg

IMMUNOGEN: Bromodeoxyuridine (BrdU) conjugated to KLH

HOST/ISOTYPE: Mouse IgG1

CLONALITY: Monoclonal

CLONE: SPM166

MOL WEIGHT: 307 Da

SPECIES REACTIVITY: All species

PURIFICATION: Protein A/G purified

FORM: Liquid

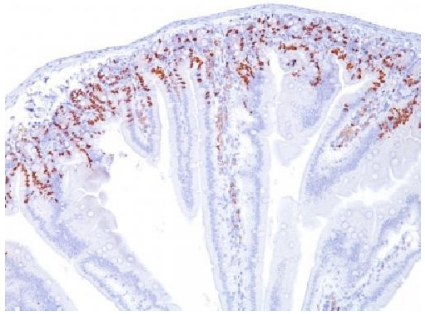
FORMULATION: Supplied in 10 mM PBS with 0.05% BSA & 0.05% azide

STORAGE CONDITIONS: Shipped at 4°C. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles

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.

APPLICATION: FC: 0.5-1 ug/1X10^6 cells
IF: 0.5-1 ug/ml
IHC: 0.5-1 ug/ml for 30 minutes at RT
(Staining of formalin-fixed tissues requires boiling tissue sections in 4N HCl for 30 minutes at RT followed by digestion with trypsin at 1mg/ml PBS, 10 min at 37^{o}C)

Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.



Formalin-fixed, paraffin-embedded mouse Intestine stained with BrdU Monoclonal Antibody (SPM166)

RELATED PRODUCTS:

- Anti-Bcl-2 Antibody (100/D5 + 124) **(Cat. No. A1435)**
- Anti-Bcl-6 Antibody (BCL6/1475) **(Cat. No. A1436)**
- Anti-Bcl-6 Antibody (BCL6/1527) **(Cat. No. A1437)**
- Anti-Bax Antibody (BAX/962) **(Cat. No. A1434)**
- Anti-Adipophilin Antibody (ADFP/1494) **(Cat. No. A1422)**
- Anti-AFP Antibody (C3) **(Cat. No. A1423)**
- Anti-ALDH1A1 Antibody (ALDH1A1/1381) **(Cat. No. A1424)**
- Anti-ALK Antibody (ALK/1503) **(Cat. No. A1425)**
- Anti-Alkaline Phosphatase Antibody (ALPL/597) **(Cat. No. A1426)**
- Anti-Alpha-1-Antitrypsin Antibody (AAT/1378) **(Cat. No. A1427)**

FOR RESEARCH USE ONLY! Not to be used on humans.