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Datasheet for ABIN4997616
anti-BrdU antibody (AbBy Fluor® 680)

Overview

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|--------------|---|
| Quantity: | 100 µL |
| Target: | BrdU |
| Reactivity: | Please inquire |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This BrdU antibody is conjugated to AbBy Fluor® 680 |
| Application: | Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)) |

Product Details

| | |
|-----------------------------|------------------------|
| Immunogen: | BrdU conjugated to KLH |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Rat |
| Cross-Reactivity (Details): | BrdU |
| Purification: | Purified by Protein A. |

Target Details

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|-------------------|--|
| Target: | BrdU |
| Alternative Name: | BrdU (BrdU Products) |
| Target Type: | Chemical |

Target Details

| | |
|-------------|--|
| Background: | <p>Synonyms: Bromodeoxyuridine, Bromodeoxyuridine, 5-Bromo-2-deoxyuridine, 5-BrdU, proliferation Marker.</p> <p>Background: The immunocytochemical detection of bromodeoxyuridine (BrdU) incorporated into DNA is a powerful tool to study the cytokinetics of normal and neoplastic cells. In vitro or in vivo labeling of tumor cells with the thymidine analogue BrdU and the subsequent detection of incorporated BrdU with specific anti-BrdU monoclonal is an accurate and comprehensive method to quantitate the degree of DNA-synthesis. BrdU is incorporated into the newly synthesized DNA of S-phase cells may provide an estimate for the fraction of cells in S-phase. Also dynamic proliferative information such as the S-phase transit rate and the potential doubling time can be obtained, by means of bivariate BrdU/DNA flow cytometric analysis</p> |
|-------------|--|

Application Details

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|--------------------|-----------------------|
| Application Notes: | IF(IHC-P) 1:50-200 |
| Restrictions: | For Research Use only |

Handling

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|------------------|---|
| Format: | Liquid |
| Concentration: | 1 µg/µL |
| Buffer: | Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles. |
| Expiry Date: | 12 months |