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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-Bromodeoxyuridine [IIB5] Standard Size Ab03329-10.3

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This is a reformatted human IgG1 Fc Silent Fc Silent™ antibody, based on the original human IgG1 format, created for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Human IgG1, Fc Silent™, Kappa

Clone Number: IIB5

Alternative Name(s) of Target: BrdU

UniProt Accession Number of Target Protein:

Published Application(s): ICC, FC, IHC

Published Species Reactivity: Species independent

Immunogen: The original antibody was generated by immunizing a BALB/c mouse intraperitoneally with BrdU conjugated to Bovine Serum albumin.

Specificity: The original antibody reacts with bromodeoxyuridine (BrdU) also when incorporated into nuclear DNA. Further, the antibody is known to cross-react with Iododeoxyuridine (IdU).

Application Notes: The binding characteristics of the antibody was determined in a radioimmunoassay using 3H-BrdUrd as a ligand, and the affinity constant was found to be 3.1×10^7 L/mol (Schutte et al., 1987; PMID: 3113895). This antibody was used for immunohistochemistry for the detection of bromodeoxyuridine (van Engeland et al., 1997; PMID: 9299167).

Antibody First Published in: Schutte et al. An improved method for the immunocytochemical detection of bromodeoxyuridine labeled nuclei using flow cytometry Cytometry. 1987 Jul;8(4):372-6. doi: 10.1002/cyto.990080405. [PMID:3113895](#)

Note on publication: The original paper describes the generation and characterization of the antibody.

Product Form

Size: 100 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -

20°C.

Concentration: 1 mg/ml.

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.