



Anti-BrdU monoclonal antibody, clone CV2/86 (JDS2) [HRP] (DMABT-50290RB)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rat Anti BrdU,HRPRat Anti BrdU,HRP
Isotype	IgG2a
Source/Host	Rat
Species Reactivity	Chemical
Clone	CV2/86 (JDS2)
Conjugate	HRP
Applications	ELISA, IHC
Format	Purified IgG conjugated to Horseradish Peroxidase (HRP) - liquid
Concentration	IgG concentration 1mg/ml
Size	500 µg
Buffer	Phosphate buffered saline
Preservative	None
Storage	Store at +4 °C or at -20 °C if preferred. This product should be stored undiluted. Storage in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the protein. Should this product contain a precipitate we recommend microcentrifugation before use.

BACKGROUND

Introduction

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 antibodies 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.

Keywords

Bromodeoxyuridine; BUdr; 5-BRDU; 5-BROMO DEOXYURIDINE; 5-BROMO-2-DESOXYURIDINE; (+)-5-BROMO-2-DEOXYURIDINE; 5-BROMO-2-DEOXYURIDINE; 2-DEOXY-5-BROMOURIDINE; 2-DEOXY-5-BROMOURIDINE; BUDR; BROMO2-DEOXYURIDINE,5-; BRUDR; BROXURIDINE; BR-DU; BRDU LABELING; REAGENT; BDU; CHEMAFACIFIC 52436; 5-bdu; 5-bromodesoxyuridine; BrdU; 5-Bromo-1-(2-deoxy- β -D-ribofuranosyl)uraci; 5-Bromouracil deoxyriboside
