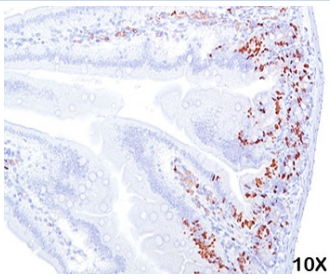
BrdU Antibody [clone BRD469] (V2321)

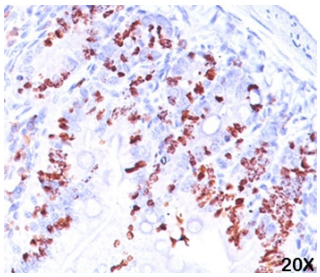
Catalog No.	Formulation	Size
V2321-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2321-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2321SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

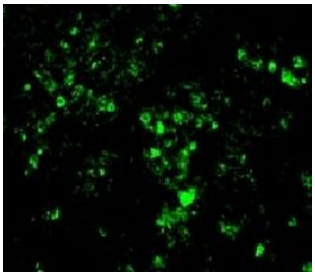
Species Reactivity	All species
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	BRD469
Purity	Protein G affinity chromatography
Buffer	1X PBS, pH 7.4
Gene ID	Not Applicable
Localization	Nuclear
Applications	Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT Immunofluorescence: 1-3ug/ml
Limitations	This **BrdU antibody** is available for research use only.



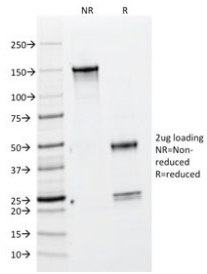
IHC staining of mouse intestine tissue (10X) with BrdU antibody (BRD469).



IHC staining of mouse intestine tissue (20X) with BrdU antibody (BRD469).



IHC/IF testing of FFPE rat kidney with Alexa Fluor 488 conjugated BrdU antibody.



SDS-PAGE analysis of purified, BSA-free BrdU antibody (clone BRD469) as confirmation of integrity and purity.

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 Bromodeoxyuridine is helpful in detecting S-phase cells, providing useful information on the aggressiveness of tumors.

Application Notes

The concentration stated for each application is a general starting point. Variations in protocols, secondaries and substrates may require the Bromodeoxyuridine antibody to be titered up or down for optimal performance.

1. 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.

Immunogen

Bromodeoxyuridine conjugated to KLH was used as the immunogen.

Storage

Store the BrdU antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

Alternate Names

Bromodeoxyuridine, BUdr, BrdU antibody

References (2)

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