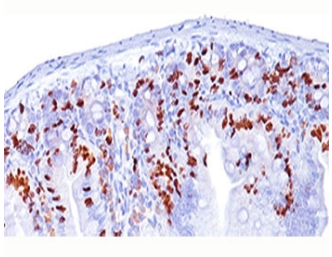
BrdU Antibody [clone BRD494] (V2322)

Catalog No.	Formulation	Size
V2322-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2322-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2322SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V2322IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

Bulk quote request

Species Reactivity	All species
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1
Clone Name	BRD494
Purity	Protein G affinity chromatography
Buffer	1X PBS, pH 7.4
Gene ID	Not Applicable
Localization	Nuclear
Applications	Immunohistochemistry (FFPE): 0.5-1ug/ml for 30 min at RT
Limitations	This **BrdU / Bromodeoxyuridine antibody** is available for research use only.



IHC staining of mouse intestine tissue (10X) with BrdU antibody (BRD494).

Description

This antibody 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 / BrdU 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 / BrdU 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.
2. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

Immunogen

BrdU / Bromodeoxyuridine conjugated to KLH was used as the immunogen for this antibody.

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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