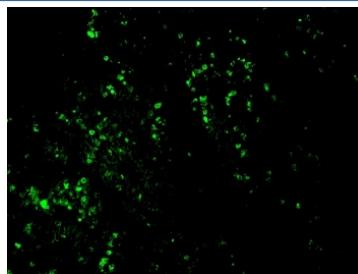


## Bromodeoxyuridine Antibody [clone BRD469] (V2321CF488)

Catalog No.	Formulation	Size
V2321CF488-100T	500 ul at 0.1 mg/ml with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 Tests

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	All species
<b>Format</b>	CF488 Conjugate
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG1, kappa
<b>Clone Name</b>	BRD469
<b>Purity</b>	Protein G affinity chromatography
<b>Localization</b>	Nuclear
<b>Applications</b>	Flow Cytometry : 5ul per test per one 10 <sup>6</sup> cells in 0.1ml or 5ul per 100ul of whole blood Immunofluorescence : 1:50-1:100
<b>Limitations</b>	This Bromodeoxyuridine antibody is available for research use only.



IHC/IF staining of FFPE rat kidney tissue with CF488-conjugated BrdU antibody.

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

## Application Notes

Optimal dilution of the Bromodeoxyuridine antibody should be determined by the researcher.

## Immunogen

Bromodeoxyuridine conjugated to KLH was used as the immunogen.

## Storage

Store the Bromodeoxyuridine antibody at 2-8oC, protected from light.