

## ARG65422 anti-5-bromodeoxyuridine / BrdU antibody [Bu20a]

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Mouse Monoclonal antibody [Bu20a] recognizes 5-bromodeoxyuridine / BrdU
Tested Reactivity	Other
Tested Application	FACS, ICC/IF, IHC-Fr, IHC-P
Specificity	The clone Bu20a reacts specifically with BrdU incorporated into DNA during S-phase of a cell cycle. It is useful for detecting proliferating cells by flow cytometry or immunohistochemistry staining.
Host	Mouse
Clonality	Monoclonal
Clone	Bu20a
Isotype	IgG1
Target Name	5-bromodeoxyuridine / BrdU
Immunogen	Bromodeoxyuridine conjugated to BSA
Conjugation	Un-conjugated

### Application Instructions

Application table	Application	Dilution
	FACS	1 - 5 µg/ml
	ICC/IF	Assay-dependent
	IHC-Fr	Assay-dependent
	IHC-P	Assay-dependent
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Purified from cell culture supernatant by protein-A affinity chromatography.
Purity	> 95% (by SDS-PAGE)
Buffer	PBS (pH 7.4) and 15 mM Sodium azide
Preservative	15 mM Sodium azide
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

**Note**

For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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**Background**

Bromodeoxyuridine (BrdU) is a thymidine analog which is selectively incorporated into the DNA of proliferating cells to provide a marker for the DNA being replicated. The number of proliferating cells can then be detected in cell lysates, tissue sections or suspensions using an antibody specific for the BrdU.

**Research Area**

Cell Biology and Cellular Response antibody; Controls and Markers antibody; Gene Regulation antibody; Neuroscience antibody