

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

Background

Bromodexyuridine (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