

## Bromodeoxyuridine (BrdU) (Proliferation Marker) Antibody

Mouse Monoclonal Antibody [Clone BRD469]

Catalog No	Format	Size
MSM1-469-CF488-100T	Purified Ab conjugated to CF488	0.5 ml at 100ug/ml

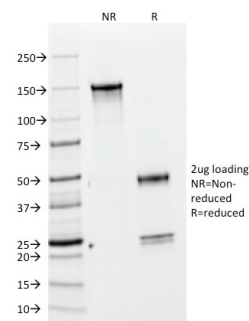
Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	
Immunofluorescence (IF)	1-3ug/ml	
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

### Product Details

Clone	BRD469
Immunogen	Bromodeoxyuridine (BrdU) conjugated to KLH
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1
Mol. Weight of Antigen	307Da
Cellular Localization	Nucleus
Species Reactivity	All species
Positive Control	Cells grown in presence of BrdU or tissues from experimental animals injected with BrdU.

*\*Optimal dilution for a specific application should be determined.*

### Product Images for Bromodeoxyuridine (BrdU) (Proliferation Marker) Antibody



SDS-PAGE Analysis of Purified BrdU Mouse Monoclonal Antibody (BRD469).  
Confirmation of Purity and Integrity of Antibody.

### Specificity & Comments

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.

### Supplied As

200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

### Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

### Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.