

## Proliferation Marker Antibody

Mouse Monoclonal Antibody [Clone JC1]

Catalog No	Format	Size
MSM1-3329-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
MSM1-3329-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
MSM1-3329-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

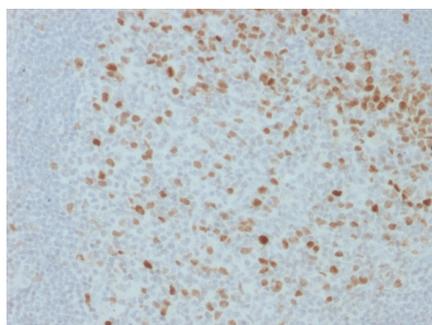
Applications	Tested Dillution	Note
Immunofluorescence (IF)	1-3ug/ml	
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

### Product Details

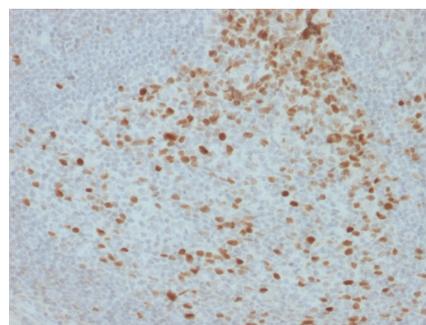
Clone	JC1
Gene Name	N/A
Immunogen	Pokeweed-stimulated lymphocytes
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2a / Kappa
Mol. Weight of Antigen	212kDa and 123kDa
Cellular Localization	N/A
Species Reactivity	Human
Positive Control	HeLa cells (IF). Human lymph node (IHC).

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

### Product Images for Proliferation Marker Antibody



Formalin-fixed, paraffin-embedded human Lymph Node stained with Proliferation Marker Mouse Monoclonal Antibody (JC1).



Formalin-fixed, paraffin-embedded human Lymph Node stained with Proliferation Marker Mouse Monoclonal Antibody (JC1).

### Specificity & Comments

JC1 detects a nuclear antigen, distinct from Ki67, present in proliferating cells. It is useful as a marker of proliferation in cases such as squamous cell carcinoma where the Ki67 index cannot be determined.

### 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.

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