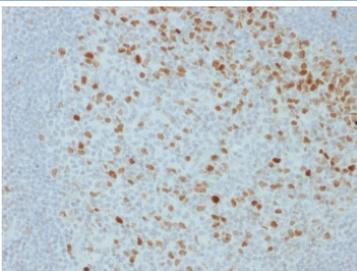


## Proliferation Marker Antibody [clone JC1] (V8296)

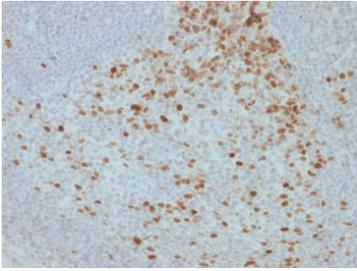
| Catalog No.    | Formulation  | Size   |
|----------------|--|--------|
| V8296-100UG    | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 100 ug |
| V8296-20UG     | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 20 ug  |
| V8296SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free                             | 100 ug |

[Bulk quote request](#)

|                           |  |
|---------------------------|--|
| <b>Availability</b>       | 1-3 business days  |
| <b>Species Reactivity</b> | Human  |
| <b>Format</b>             | Purified   |
| <b>Host</b>               | Mouse  |
| <b>Clonality</b>          | Monoclonal (mouse origin)  |
| <b>Isotype</b>            | Mouse IgG2a, kappa   |
| <b>Clone Name</b>         | JC1  |
| <b>Purity</b>             | Protein G affinity chromatography  |
| <b>Localization</b>       | Nuclear  |
| <b>Applications</b>       | Western Blot : 1-2ug/ml<br>Immunofluorescence : 1-2ug/ml<br>Immunohistochemistry (FFPE) : 1-2ug/ml |
| <b>Limitations</b>        | This Proliferation Marker antibody is available for research use only.                             |



IHC staining of FFPE human lymph node with Proliferation Marker antibody (clone JC1).  
HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



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## Description

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.

## Application Notes

Optimal dilution of the Proliferation Marker antibody should be determined by the researcher.

## Immunogen

Pokeweed-stimulated lymphocytes were used as the immunogen for this Proliferation Marker antibody.

## Storage

Store the Proliferation Marker antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).