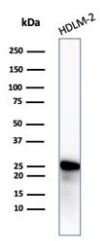
# Recombinant Bcl-2 Antibody [clone rBCL2/6418] (V8937)

| Catalog No. | Formulation | Size |
|---|---|---|
| V8937-100UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 100 ug |
| V8937-20UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 20 ug |
| V8937SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free | 100 ug |

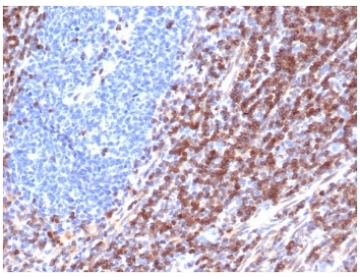
Recombinant MOUSE MONOCLONAL

**Bulk quote request**

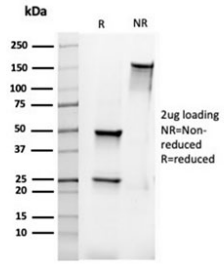
| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human |
| **Format** | Purified |
| **Host** | Mouse |
| **Clonality** | Recombinant Mouse Monoclonal |
| **Isotype** | Mouse IgG2a, kappa |
| **Clone Name** | rBCL2/6418 |
| **Purity** | Protein A/G affinity |
| **UniProt** | P10415 |
| **Localization** | Cytoplasm, nuclear membrane |
| **Applications** | Immunohistochemistry (FFPE) : 1-2ug/ml<br>Western Blot : 2-4ug/ml |
| **Limitations** | This recombinant Bcl-2 antibody is available for research use only. |




Western blot testing of human HDLM-2 cell lysate with recombinant Bcl-2 antibody. Predicted molecular weight ~26 kDa.



IHC staining of FFPE human tonsil tissue with recombinant Bcl-2 antibody (clone rBCL2/6418). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.




SDS-PAGE analysis of purified, BSA-free recombinant Bcl-2 antibody (rBCL2/6418) as confirmation of integrity and purity.

## Description

This antibody recognizes a protein of 25-26kDa, identified as the bcl-2 alpha oncoprotein. It shows no cross-reaction with Bcl-x or Bax protein. Expression of Bcl-2 alpha oncoprotein inhibits the programmed cell death (apoptosis). In most follicular lymphomas, neoplastic germinal centers express high levels of bcl-2 alpha protein, whereas the normal or hyperplastic germinal centers are negative. Consequently, this antibody is valuable when distinguishing between reactive and neoplastic follicular proliferation in lymph node biopsies. It may also be used in distinguishing between those follicular lymphomas that express bcl-2 protein and the small number in which the neoplastic cells are bcl-2 negative.

## Application Notes

Optimal dilution of the recombinant Bcl-2 antibody should be determined by the researcher.

## Immunogen

Amino acids 41-54 (GAAPAPGIFSSQPG) from the human protein were used as the immunogen for the recombinant Bcl-2 antibody.

## Storage

Aliquot the recombinant Bcl-2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
Copyright © NSJ Bioreagents. All rights reserved.