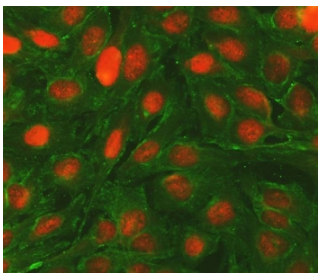
Bcl-2 Antibody (R32992)

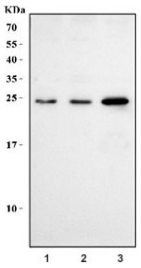
Catalog No.	Formulation	Size
R32992	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

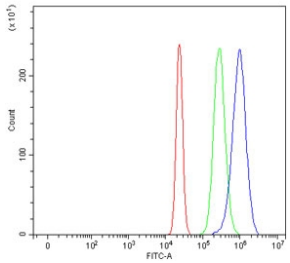
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P10415
Applications	Western Blot : 0.5-1ug/ml Immunofluorescence : 5ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This Bcl-2 antibody is available for research use only.



Immunofluorescent staining of FFPE human U-2 OS cells with Bcl-2 antibody (red) and Alpha Tubulin antibody (green). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of human 1) Jurkat, 2) HL60 and 3) ThP-1 cell lysate with Bcl-2 antibody at 0.5ug/ml. Predicted molecular weight ~26 kDa.



Flow cytometry testing of human U-2 OS cells with Bcl-2 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= CD59 antibody.

Description

Immunoreactive BCL2 protein is in the neoplastic cells of almost all follicular lymphomas whereas no BCL2 protein was detected in follicles affected by nonneoplastic processes or in normal lymphoid tissue. Every tumor with molecular-genetic evidence of t(14;18) translocation expressed detectable levels of BCL2 protein, regardless of whether the breakpoint was located in or at a distance from the BCL2 gene. Overexpression of BCL2 blocks the apoptotic death of a pro-B-lymphocyte cell line.

Application Notes

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

Immunogen

A recombinant human partial protein corresponding to amino acids Q118-E165 was used as the immunogen for the Bcl-2 antibody.

Storage

After reconstitution, the Bcl-2 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com