



Anti-BCL-2, mouse monoclonal (BS94)

BSH-2001-100 (0,1ml), BSH-2001-1 (1 ml)

Clonality:	Mouse monoclonal antibody
Clone:	BS94
Application:	IHC-P (1:100 – 1:400), IHC-fro
Species Reactivity:	Human
Control tissues:	Tonsil, appendix
Buffer:	TRIS with 0.03% sodium azide, pH 7,2
Storage:	Store at 4°C

Description

B-cell lymphoma/leukaemia-2 (Bcl-2) is an inhibitor of apoptosis, and its expression is generally abundant in cells which dividing and differentiating. In lymphatic tissue, Bcl-2 is highly expressed in T-cells, maturing B cells as well as mature B-cells. However, expression level in germinal center B-cells is downregulated. Overexpression of the Bcl-2 is common in leukemia and various carcinomas and sarcomas. Overexpression is common especially in non-Hodgkins lymphoma. Bcl-2 is helpful to classification of the follicular lymphoma or other lymphomas.

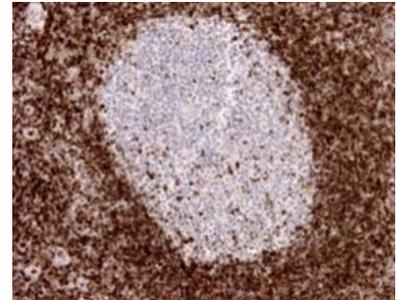
Protocol

After paraffin removing and rehydration:

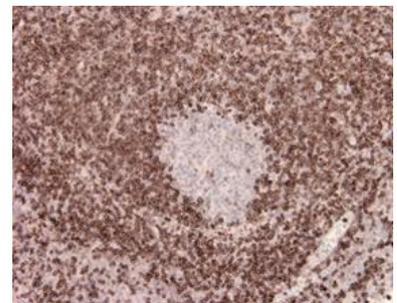
1. Pre-treatment: PT-module HIER pH9 (20min at 98°C)
2. Wash (TBS-Tween in all washing steps)
3. Primary antibody: BCL-2 1:100 – 1:400, 30 min.
4. Wash
5. Peroxidase blocking (3% H₂O₂), 10 min.
6. Wash
7. One step HRP-polymer detection, 30 min
8. Wash x2
9. DAB-Substrate, 10 min
10. Aqua
11. CuSO₄ -post enhancement, 5 min
12. Aqua

Counter staining, Bluing, dehydration, clearing, and mounting.

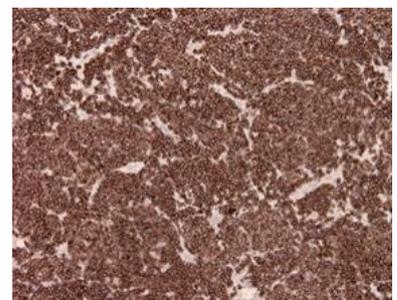
Dilution of concentrated antibody depends on the pre-treatment method and detection system used. Above protocol used in Optibodies evaluation and is meant as a reference. Final working dilution and protocol applied needs to be determined by the user always.



Tonsil section has been stained using BCL2 optibody (Clone: BS94) with 1:200 dilution. All peripheral lymphocytes should be labelled and the most of the germinal center B-cells should be negatively stained from tonsil sections.



Lymph node section has been stained using BCL2 optibody (Clone: BS94) with 1:200 dilution. Leukemia cells stained strongly with cytoplasmic staining pattern.



Lymph node section has been stained using BCL2 optibody (Clone: BS94) with 1:200 dilution. Mantle cell lymphoma cells stained strongly.