

## Anti-CD22, mouse monoclonal (BS100)

BSH-2009-100 (0.1 ml), BSH-2009-1 (1 ml)



<b>Clonality:</b>	Mouse monoclonal antibody
<b>Clone:</b>	BS100
<b>Application:</b>	IHC-P (1:100 – 1:400), IHC-Fro
<b>Species Reactivity:</b>	Human
<b>Control tissues:</b>	Appendix, tonsil
<b>Buffer:</b>	TRIS with 0.03% sodium azide, pH 7.2
<b>Storage:</b>	Store at 4°C

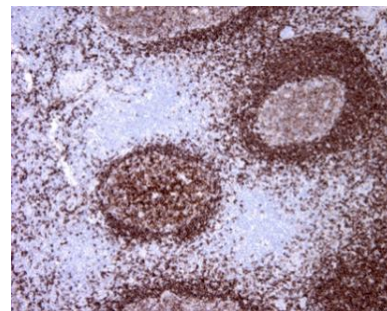
### Description

CD22 protein may be involved in the localization of B-cells in lymphoid tissues. CD22 is expressed in the cytoplasm and cell membrane of B-cells. CD22 is especially useful in diagnostics of hairy cell leukemia and classification of the B-cell lymphomas.

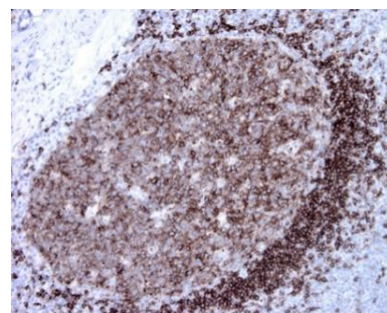
### Protocol

1. Deparaffinize and rehydrate tissue section
2. Wash: aqua dest, 2×5 min
3. Pre-treatment: PT-module HIER pH 9.0 (20min at 98°C)
4. H<sub>2</sub>O<sub>2</sub> (concentration 3%), 10 min
5. Wash: PBS or TBS buffer, 2×5 min
6. Primary antibody diluted as recommended, 30 min
7. Wash: PBS or TBS buffer, 2×5 min
8. One step HRP-polymer detection, 30 min
9. Wash: PBS or TBS buffer, 2×5 min
10. DAB Substrate, 8 min
11. Wash: aqua dest, 2×2 min
12. Counterstain, dehydrate and coverslip

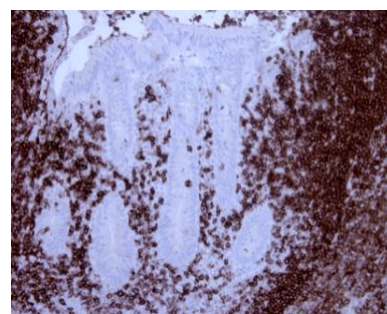
Dilution of concentrated antibody depends on the pre-treatment method and detection system used. Above protocol used in Optibodies evaluation and is meant as a reference. Final working dilution and protocol applied needs to be determined by the user always.



Tonsil section have been stained using CD22 optibody (Clone: BS100) with 1:200 dilution. Mantle zone B-cells have strong membranous label and maturing B-cells in germinal center have moderate cytoplasmic and membranous label.



Tonsil section has been stained using CD22 optibody (Clone: BS100) with 1:200 dilution. Mantle zone B-cells have strong membranous label.



Appendix section have been stained using CD22 optibody (Clone: BS100) with 1:200 dilution. B-cells have strong membranous label.