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Anti-CD22, mouse monoclonal (BS100)

BSH-2009-100 (0,1ml), BSH-2009-1 (1 ml)

Clonality:	Mouse monoclonal antibody
Clone:	BS100
Application:	IHC-P (1:100 – 1:400), IHC-Fro
Species Reactivity:	Human
Control tissues:	Appendix, tonsil
Buffer:	TRIS with 0.03% sodium azide, pH 7,2
Storage:	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.

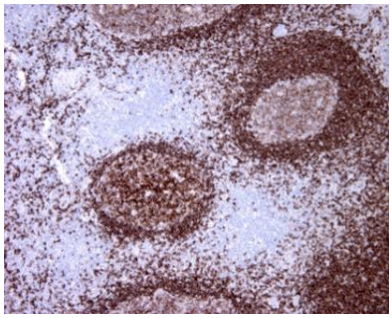
Protocol

After paraffin removing and rehydration:

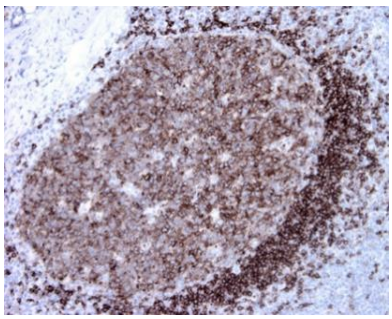
1. Pre-treatment: PT-module HIER pH9 (20min at 98°C)
2. Wash (TBS-Tween in all washing steps)
3. Primary antibody: CD22 1:100 – 1:400, 30 min.
4. Wash
5. Peroxidase blocking (3% H_2O_2), 10 min.
6. Wash
7. One step HRP-polymer detection, 30 min
8. Wash x2
9. DAB-Substrate, 10 min
10. Aqua
11. $CuSO_4$ -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 have been stained using CD22 optibody (Clone: BS100) with 1:200 dilution. Mantle zone B-cells have strong membranous label and maturating B-cells in germinal center have moderate cytoplasmic and membranous label.



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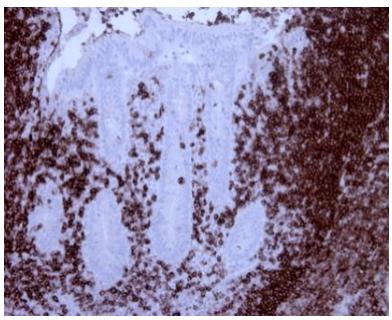

Appendix section have been stained using CD22 optibody (Clone: BS100) with1:200 dilution. B-cells have strong membranous label.