

## Anti-CD7, mouse monoclonal (BS8)

BSH-2004-100 (0,1ml), BSH-2004-1 (1 ml)



<b>Clonality:</b>	Mouse monoclonal antibody
<b>Clone:</b>	BS8
<b>Application:</b>	IHC-P (1:100– 1:400), IHC-Fro
<b>Species Reactivity:</b>	Human
<b>Control tissues:</b>	Tonsil, appendix
<b>Buffer:</b>	TRIS with 0.03% sodium azide, pH 7,2
<b>Storage:</b>	Store at 4°C

### Description

CD7 transmembrane protein is a member of the immunoglobulin superfamily. This protein is found on thymocytes, mature T cells and NK-cells. It plays an essential role in T-cell interactions and also in T-cell/B-cell interaction during early lymphoid development.

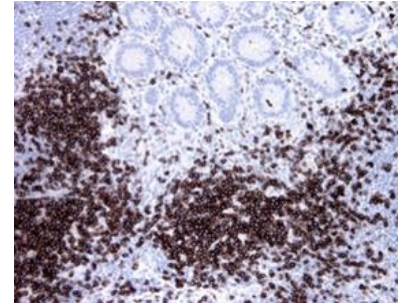
### Protocol

After paraffin removing and rehydration:

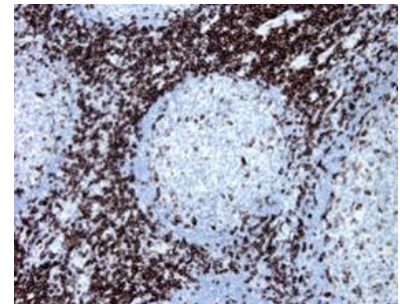
1. Pretreatment: HIER pH9
2. Wash (TBS-Tween)
3. Primary antibody: CD7 1:100 – 1:400, 30 min.
4. Wash
5. 3% H<sub>2</sub>O<sub>2</sub>, 10 min.\*
6. Wash
7. BioSite Histo HRP One-Step Polymer (KDB-10007), 30 min
8. Wash
9. Wash
10. DAB high contrast Kit (BCB-20032), 10 min
11. Aqua
12. CuSO<sub>4</sub> -post enhancement, 5 min
13. Aqua
14. Counter staining in diluted Mayer, 1 min
15. Bluing, 7 min in tap water
16. Dehydration, clearing and mounting

Dilution of this concentrated antibody depends on the detection system used and the final working dilution need to always be determined by the user.

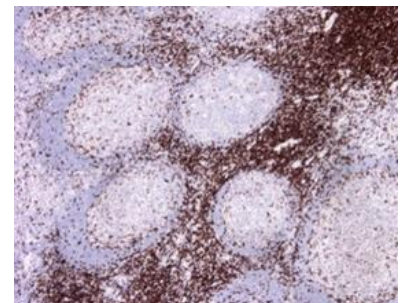
\* Optional; Endogenous peroxidase blocking can also be done before primary antibody incubation.



Appendix section has been stained using CD7 optibody (Clone: BS8) with 1:250 dilution. CD7 positive T-cells have strong membranous label.



Tonsil section has been stained using CD7 optibody (Clone: BS8) with 1:250 dilution. CD7 positive T-cells have strong membranous label.



Tonsil section has been stained using CD7 optibody (Clone: BS8) with 1:250 dilution. CD7 positive T-cells have strong membranous label.