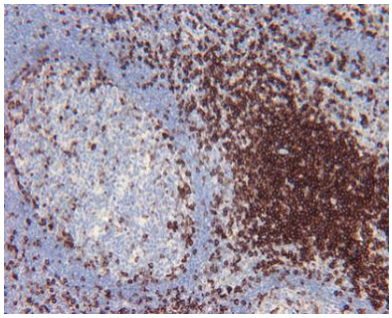
Anti-CD7, rabbit monoclonal (BSR9)

BSH-3002-100 (0.1 ml), BSH-3002-1 (1 ml)

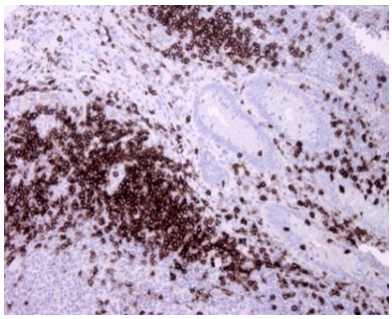
Clonality:	Rabbit monoclonal antibody
Clone:	BSR9
Application:	IHC-P (1:100 – 1:400), IHC-Fro
Species Reactivity:	Human
Control tissues:	Tonsil, appendix
Buffer:	TRIS with 0.03% sodium azide, pH 7.2
Storage:	Store at 4°C



Tonsil section has been stained using CD7 optibody (Clone: BSR9) with1:250 dilution. CD7 positive T-cells have strong membranous labelmembranous staining pattern.

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

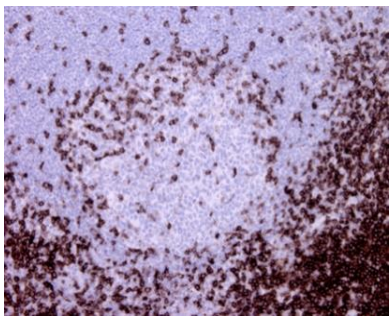


Appendix section has been stained using CD7 optibody (Clone: BSR9) with1:250 dilution. CD7 positive T-cells and intraepithelial T-cells have strong membranous label.

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_2O_2 (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 has been stained using CD7 optibody (Clone: BSR9) with1:250 dilution. CD7 positive T-cells have strong membranous label.