Anti-CD79a, rabbit monoclonal (BSR20)

BSH-3007-100 (0.1 ml), BSH-3007-1 (1 ml)

Clonality:	Rabbit monoclonal antibody
Clone:	BSR20
Application:	IHC-P (1:100 – 1:400), IHC-Fro
Species Reactivity:	Human
Control tissues:	Tonsil, appendix
Alias names:	Cell antigen receptor complex-associated protein alpha chain
Buffer:	TRIS with 0.03% sodium azide, pH 7.2
Storage:	Store at 4°C

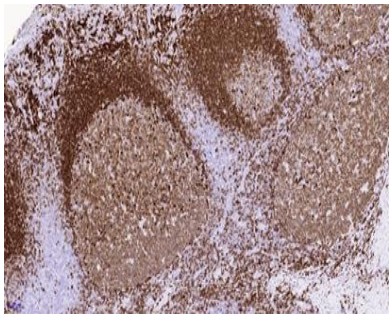
Description

The CD79 protein is a heterodimer with two CD79a and CD79b phosphoproteins. CD79a is specific for B-cells. The antigen appearing before the pre-B cell stage and it is still expressed at the plasma cell stage. Together with CD20, CD79a is one the most important marker for B-cell neoplasms

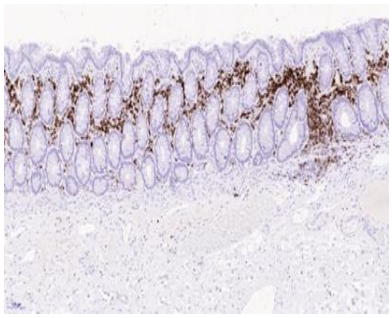
Protocol

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

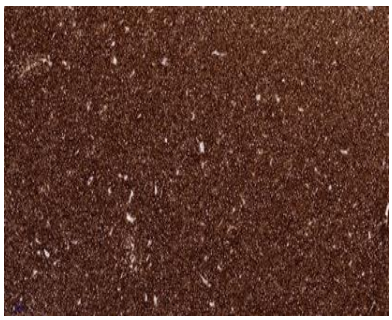
Dilution of concentrated antibody depends on the pre-treatment method and detection system used. Above protocol used in Optibodies evaluation and is meant as a reference. Final working dilution and protocol applied needs to be determined by the user always.



Tonsil section has been stained using CD79a optibody (BSR20) with 1:200 dilution. B-cells have strong membranous label in tonsil marginal zone and subset of maturating B-cells in germinal center.



Colon section has been stained using CD79a optibody (BSR20) with 1:200 dilution. Plasma cells have strong membranous staining pattern.



DLBCL section has been stained using CD79a optibody (BSR20) with 1:200 dilution. DLBCL cells have strong and intensive label.