

Anti-CD79a, rabbit monoclonal (BSR20)

BSH-3007-100 (0,1ml), 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 of the most important markers for B-cell neoplasms.

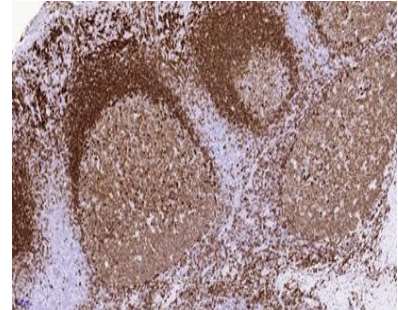
Protocol

After paraffin removing and rehydration:

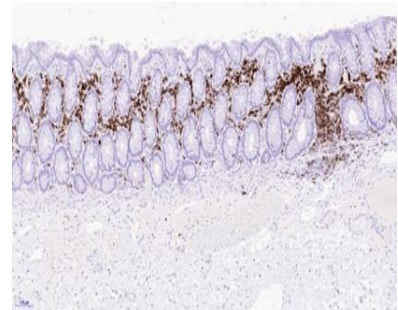
1. Pretreatment: HIER pH9
2. Wash (TBS-Tween)
3. Primary antibody: CD79a 1:100 – 1:400, 30 min.
4. Wash
5. 3% H₂O₂, 10 min.*
6. Wash
7. BioSite Histo HRP One-Step Polymer (KDB-10046), 30 min
8. Wash
9. Wash
10. DAB high contrast Kit (BCB-20032), 10 min
11. Aqua
12. CuSO₄ -post enhancement, 5 min
13. 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 needs to always be determined by the user.

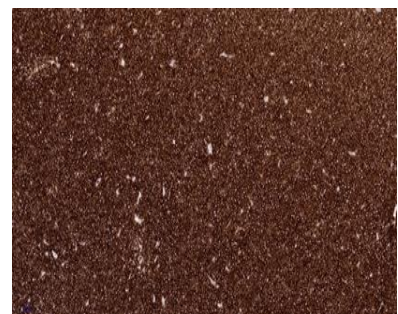
* Optional; Endogenous peroxidase blocking can also be done before primary antibody incubation.



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



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



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