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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 the most important marker 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 need 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 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.