

## Anti-CD43, mouse monoclonal (BS62)

BSH-2012-100 (0,1ml), BSH-2012-1 (1 ml)



<b>Clonality:</b>	Mouse monoclonal antibody
<b>Clone:</b>	BS62
<b>Application:</b>	IHC-P (1:100 – 1:400)
<b>Species Reactivity:</b>	Human (others not tested)
<b>Control tissues:</b>	Tonsil, appendix
<b>Alias names:</b>	Leukosialin, sialophorin
<b>Buffer:</b>	TRIS with 0.03% sodium azide, pH 7,2
<b>Storage:</b>	Store at 4°C

### Description

CD43 (leukosialin, sialophorin) is a transmembrane mucin-like glycoprotein which expressed in plasma membrane especially in T-lymphocytes, some B-cells and cells from myelomonolineage. It is useful for lymphoma diagnostic and it expressed in most T-cell lymphomas and some B-cell lymphomas.

### Protocol

After paraffin removing and rehydration:

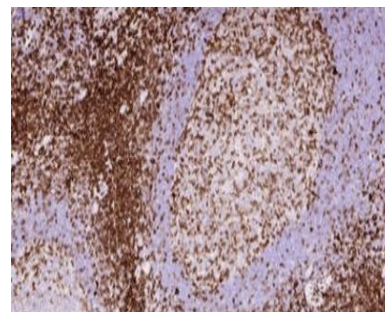
1. Pretreatment: HIER pH9
2. Wash (TBS-Tween)
3. Primary antibody: CD43:100 – 1:400, 30 min.
4. Wash
5. 3% H<sub>2</sub>O<sub>2</sub>, 10 min.\*
6. Wash
7. BioSite Histo HRP One-Step Polymer (KDB-10007), 30 min
8. Wash
9. Wash
10. DAB high contrast Kit (BCB-20032), 10 min
11. Aqua
12. CuSO<sub>4</sub> -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 CD43 optibody (BS62) with 1:200 dilution. T-cells have strong membranous label.



Tonsil section has been stained using CD43 optibody (BS62) with 1:200 dilution. T-cells have strong membranous label.



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