

Anti-CD8, rabbit monoclonal (BSR5)

BSH-5001-100 (0,1ml), BSH-5001-1 (1 ml)



Clonality:	Rabbit monoclonal antibody
Clone:	BSR5
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

Description

CD8 T cell surface antigen belongs to the type I membrane protein and it is heterodimer of an alpha and a beta chain linked by two disulfide bonds. CD8 positive T-lymphocytes are cytotoxic cells and it thought to play a role in the process of T-cell mediated killing. CD8 antibody is useful for classification of lymphocytes and malignant lymphomas.

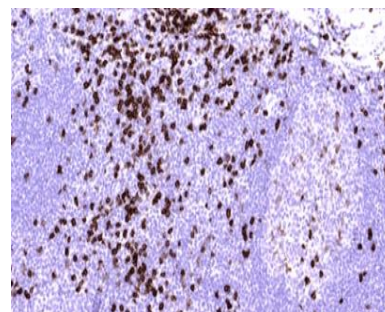
Protocol

After paraffin removing and rehydration:

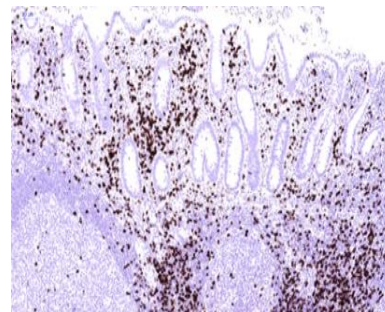
1. Pretreatment: HIER pH9
2. Wash (TBS-Tween)
3. Primary antibody: CD8 1:100 – 1:400, 30 min.
4. Wash
5. 3% H₂O₂, 10 min.*
6. Wash
7. BioSite Histo HRP One-Step Polymer (KDB-10046), 30 min
8. Wash
9. Wash
10. DAB high contrast Kit (BCB-20032), 10 min
11. Aqua
12. CuSO₄ -post enhancement, 5 min
13. Aqua
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.

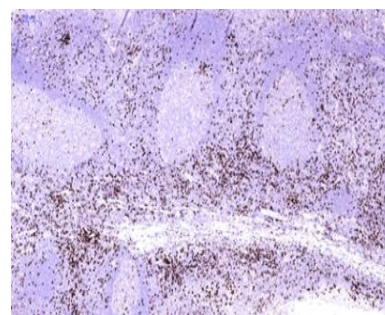
* Optional; Endogenous peroxidase blocking can also be done before primary antibody incubation.



Tonsil section has been stained using CD8 antibody (BSR5) with 1:100 dilution. Cytotoxic T-cells have strong membranous label.



Appendix section has been stained using CD8 antibody (BSR5) with 1:100 dilution. Cytotoxic T-cells have strong membranous label.



Tonsil section has been stained using CD8 antibody (BSR5) with 1:100 dilution. Cytotoxic T-cells have strong membranous label.