

Anti-CD8, rabbit monoclonal (BSR5)

BSH-5001-100 (0.1 ml), 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

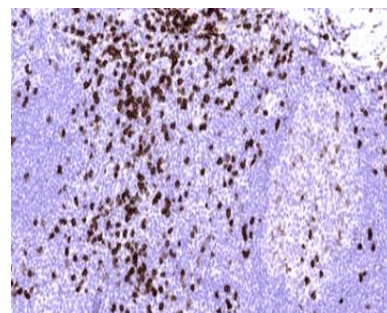
Description

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.

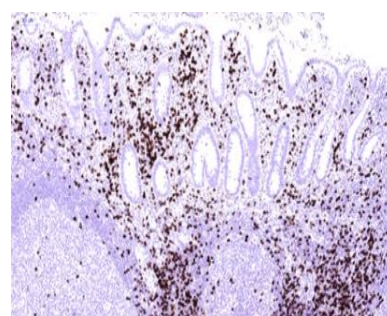
Protocol

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. H₂O₂ (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

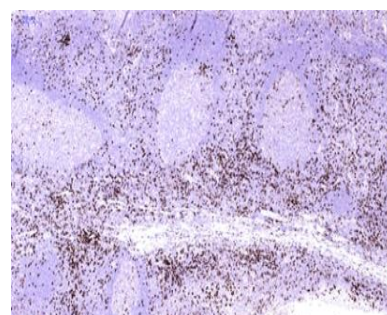
Dilution of concentrated antibody depends on the pre-treatment method and detection system used. Above protocol used in Optibodies evaluation and is meant as a reference. Final working dilution and protocol applied needs to be determined by the user always.



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



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



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