

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

10-12535: Mouse Monoclonal Antibody to CD247 (CD3 zeta)(Clone :BS103)

Clonality: Monoclonal
Clone Name: BS103
Application: IHC
Reactivity: Human
Gene: CD247
Gene ID: 919
Uniprot ID: P20963

Alternative Name: T-cell receptor T3 zeta chain, CD3Z, T3Z, TCRZ

Isotype: Mouse IgG1

Description

The protein encoded by this gene is T-cell receptor zeta, which together with T-cell receptor alpha/beta and gamma/delta heterodimers, and with CD3-gamma, -delta and -epsilon, forms the T-cell receptor-CD3 complex. The zeta chain plays an important role in coupling antigen recognition to several intracellular signal-transduction pathways. Low expression of the antigen results in impaired immune response. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.

Product Info

Amount: 0.1 ml / 0.5 ml

Content: TRIS with 0.03% sodium azide, pH7.2

Storage condition: Store at 4°C

Application Note

Immunohistochemical Analysis:-1:300

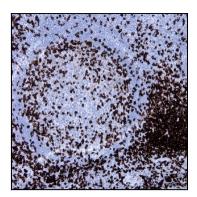


Figure-1: Tonsil section has been stained using CD3 antibody (BS103) with 1:300 dilution. All T cells should be labelled and scattered T cells should be stainedfrom germinal center.



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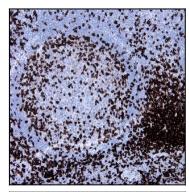


Figure-2: Tonsil section has been stained using CD3 antibody (BS103) with 1:300 dilution. All T cells should be labelled and scattered T cells should be stained from germinal center.

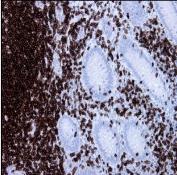


Figure-3: Appendix section has been stained using CD3 antibody (BS103) with 1:300 dilution. T cells and intraepithelial T cells stained strongly.