PRODUCT INFORMATION

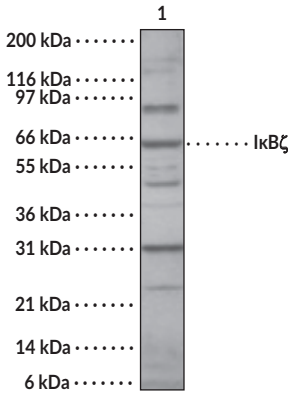
IκBζ Polyclonal Antibody

Item No. 13926

Overview and Properties

Contents: This vial contains 100 µg of protein G-purified IgG in 200 µl PBS, with 0.2% gelatin and 0.05% sodium azide.
Synonyms: INAP, MAIL
Immunogen: Synthetic peptide corresponding to mouse IkBζ amino acids 684-699 and 285-298
Species Reactivity: (+) Mouse IkBζ
Storage: -20°C (as supplied)
Stability: ≥1 year
Host: Rabbit
Applications: Western blot (WB); the recommended starting concentration is 1-3 µg/ml. Other applications were not tested, therefore optimal working concentration/dilution should be determined empirically.

Image



Lane 1: RAW cell lysate

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Description

IκBζ is an ankyrin repeat-containing nuclear protein that is highly homologous to the IκB family member Bcl-3. Transcription of IκBζ is upregulated by stimulation with TLR ligands, IL-1, and IL-6 in cultured B-lymphocytes and monocytes/macrophages, but only faintly so in T-lymphocytes, fibroblasts, and endothelial cells. IkBz preferentially associates with the NF-κB subunit p50 rather than p65 and recombinant IκBζ proteins inhibit the DNA binding of the p65/p50 heterodimer and the p50/p50 homodimer.

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