

Anti- CD3 ζ (Phospho-Tyr142) Polyclonal Antibody



| <u>Catalog No.</u> | <u>Size</u> |
|--------------------|-------------|
| A100063-01 | 50 μ l |
| A100063-02 | 100 μ l |

| | |
|--------------------|---|
| Specificity | Anti-CD3 ζ (Phospho-Tyr142) (Human Mouse) |
| Source | Rabbit Polyclonal |
| Application | WB ELISA |
| Form | Liquid, 1 mg/ml |

Specificity and Sensitivity

Swiss-Prot No.: P20963

Other Names: CD3-zeta, T-cell receptor T3 zeta chain, T-cell surface glycoprotein CD3 zeta chain precursor, T3Z, TCRZ

Specificity and Sensitivity

CD3 ζ (Phospho-Tyr142) antibody detects endogenous levels of CD3 ζ only when phosphorylated at tyrosine 142.

Source and Purification

The antiserum was produced against synthesized phosphopeptide derived from human CD3 ζ around the phosphorylation site of tyrosine 142 (G-L-Y^P-Q-G).

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows:

WB: 1:500~1:3000 ELISA: 1:1000

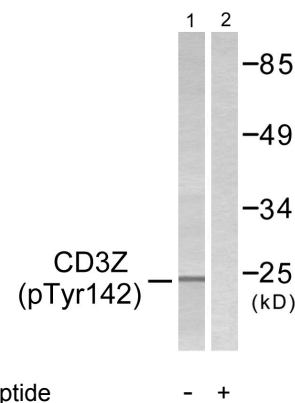
Storage Buffer

Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage Instructions

Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

Images



Western blot analysis of extracts from Jurkat cells, treated with UV (15mins), using CD3 ζ (Phospho-Tyr142) antibody.