

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



CD3 ζ (K36) Peptide

Cat No.: BS1521P

Background

Probable role in assembly and expression of the TCR complex as well as signal transduction upon antigen triggering. The TCR/CD3 complex of T-lymphocytes consists of either a TCR alpha/beta or TCR gamma/delta heterodimer coexpressed at the cell surface with the invariant subunits of CD3 labeled gamma, delta, epsilon, zeta, and eta. CD3-zeta forms either homodimers or heterodimers with CD3-eta. Interacts with SLA and SLA2. Interacts with DOCK2 and TRAF1. Interacts with HIV-1; this interaction up-regulates the expression of the Fas ligand (FASLG) at the cell surface. Interacts with HIV-2 Nef protein; this interaction induces down-regulation of cell surface TCR/CD3 complexes.

Swiss-Prot

P20963

Applications

Blocking

Specificity

This peptide can be used with studies using BS1521 CD3 ζ (K36) pAb.

Purification & Purity

Synthetic peptide CD3 ζ (K36). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Research Use

For research use only, not for use in diagnostic procedure.