

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



CD19 (E525) Peptide

Cat No.: BS1813P

Background

CD19 is a transmembrane glycoprotein that contains two extracellular immunoglobulin-like domains. CD19 is selectively expressed on the cell surface of B-lymphocytes, where it activates intracellular signaling cascades involving both Ras and phosphatidylinositol 3-kinase pathways. Activation of CD19 results in cross-linking of the membrane protein immunoglobulin chains and the subsequent association with Src family protein tyrosine kinases (PTK). Expression of CD19 is continuous throughout B-cell development and through terminal differentiation of B-cells into plasma cells. CD19 forms functional complexes with B-lymphocyte surface proteins, including integrin β 1, CD21 and CD81, which are involved in regulating B-cell development.

Swiss-Prot

P15391

Applications

Blocking

Specificity

This peptide can be used with studies using BS1813 CD19 (E525) pAb.

Purification & Purity

Synthetic peptide CD19 (E525). (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.