

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



PDCD1 Peptide

Cat No.: BS60383P

Background

PDCD1 (Programmed Cell Death-1 protein), also designated CD279, is a type I transmembrane receptor and a member of the immunoglobulin gene superfamily. Pdc1 contains an immunoreceptor tyrosine-based inhibitory motif (ITIM) within the cytoplasmic domain, which is conserved between the mouse and human homologs. Expression of Pdc1 is detected in mouse thymus, and it is induced in stimulated B and T cell lines, where it may play a role in the negative regulation of various immune responses. Receptors such as Pdc1 function by recruiting tyrosine phosphatases, including SHP-1 and SHIP, which are responsible for altering various B cell responses. Additionally, in activated lymphocytes, Pdc1 mediates the activation of the classical type of programmed cell death.

Swiss-Prot

Q15116

Applications

Blocking

Specificity

This peptide can be used with studies using BS60383 PDCD1 pAb.

Purification & Purity

Synthetic peptide PDCD1. (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.