Bioworld Technology CO., Ltd.

4-1BBL (R69) Peptide

Cat No.: BS1993P

Background

4-1BB was originally described as a cDNA expressed by activated murine T cells and subsequently demonstrated to encode a member of the tumor necrosis factor receptor family of integral membrane proteins. Recently, a murine ligand for 4-1BB (mu4-1BB-L) was cloned and demonstrated to be a member of an emerging family of ligands with structural homology to tumor necrosis factor. Both monoclonal antibody to hu4-1BB and cells transfected with hu4-1BB-L induced a strong proliferative response in mitogen co-stimulated primary T cells. In contrast, ligation of 4-1BB on T cell clones enhanced activation-induced cell death when triggered by engagement of the TCR/CD3 complex. To reject tumors, T cells must overcome poor tumor immunogenicity and an adverse tumor microenvironment. It has been shown that primary human T cells expressing CD80 and 4-1BBL vigorously respond to tumor cells lacking costimulatory ligands and provoke potent rejection of large, systemic tumors in immunodeficient mice.

Swiss-Prot

P41273

Applications

Blocking

Specificity

This peptide can be used with studies using BS1993 4-1BBL (R69) pAb.

Purification & Purity

Synthetic peptide 4-1BBL (R69). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

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

Research Use

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

Bioworld Technology, Inc.
1660 South Highway 100, Suite 500 St. Louis Park,MN 55416,USA. **Email: info@bioworlde.com**
Tel: 6123263284 **Fax: 6122933841**

Bioworld technology, co, Ltd.
No 9, weidi road Qixia District Nanjing, 210046, P, R.China. **Email: info@biogot.com**
Tel: +86-025-68037686 **Fax:+86-025-68035151**