

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### IRF-4 (Y294) Peptide

Cat No.: BS2659P

#### Background

Transcriptional activator. Binds to the interferon-stimulated response element (ISRE) of the MHC class I promoter. Binds the immunoglobulin lambda light chain enhancer, together with PU.1. Probably plays a role in ISRE-targeted signal transduction mechanisms specific to lymphoid cells. Involved in CD8+ dendritic cell differentiation by forming a complex with the BATF-JUNB heterodimer in immune cells, leading to recognition of AICE sequence (5'-TGAnTCA/GAAA-3'), an immune-specific regulatory element, followed by cooperative binding of BATF and IRF4 and activation of genes

#### Swiss-Prot

Q15306

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS2659 IRF-4 (Y294) pAb.

#### Purification & Purity

Synthetic peptide IRF-4 (Y294). (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.