Bioworld Technology CO., Ltd.

HLA-DOα (V111) Peptide

Cat No.: BS3134P

Background

Reacts with HLA-DO, a heterodimer formed by DNα and DOβ subunits in B cells. DNα and DOβ are the products of the non-classical class II genes, HLA-DNA and HLA-DOB, respectively. DO forms tight complexes with DM in the endoplasmic reticulum and is thereby sorted to lysosomal vesicles during antigen processing and presentation. It is tightly associated with DM and it is selectively expressed on antigen-presenting cells, such as B cells, dendritic cells and thymic epithelial cells. DO can enhance the efficiency of peptide loading and has been found to stabilize DM at low pH, preserving its chaperon activity. DO-DM complexes are more efficient than DM in protecting empty DR molecules. Reports describe DO as a co-chaperone of DM. This antibody has also been reported to be suitable for western blot and immunoprecipitation.

Swiss-Prot

P06340

Applications

Blocking

Specificity

This peptide can be used with studies using BS3134 HLA-DOα (V111) pAb.

Purification & Purity

Synthetic peptide HLA-DOα (V111). (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.

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