

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### CD1e (D248) Peptide

Cat No.: BS9241P

#### Background

CD1E, also known as R2 or CD1A, is a 322 amino acid single-pass type I membrane protein that localizes to the lumen of the endoplasmic reticulum, as well as to the golgi apparatus, and contains one Ig-like domain. Expressed in a variety of tissues and on cortical thymocytes, dendritic cells and Langerhans cells, CD1E exists as a heterodimer with beta-2-Microglobulin and is necessary for the presentation of glycolipid antigens on the cell surface. CD1E is subject to post-translational mono-ubiquitination and may also be proteolytically cleaved in endosomes to yield a soluble protein. CD1E is present on the surface of some T-cell leukemias, suggesting a possible role in tumorigenesis.

#### Swiss-Prot

P15812

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS9241 CD1e (D248) pAb.

#### Purification & Purity

Synthetic peptide CD1e (D248). (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.