

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### EPCAM (H150) Peptide

Cat No.: BS1935P

#### Background

The epithelial cell adhesion molecule Ep-CAM, which is also design ated tumor-associated calcium signal transducer 1 and MK-1, is a monomeric membrane glycoprotein that is expressed in most normal human epithelium and in most carcinomas. The human Ep-CAM gene encodes a 314 amino acid protein that is expressed as two forms, a 40 kDa major form and a 42 kDa minor form, which are reduced to 35 kDa upon treatment with the aminoglycosylation inhibitor tunicamycin. Ep-CAM is overexpressed in a variety of carcinomas and is, therefore, a potential target for the visualization and therapy of human solid tumours. Ep-CAM contains an extracellular domain containing two epidermal growth factor-like repeats, followed by a cysteine-poor region, which are necessary for the adhesion properties of the molecule.

#### Swiss-Prot

P16422

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS1935 EPCAM (H150) pAb.

#### Purification & Purity

Synthetic peptide EPCAM (H150). (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.