

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



BRMS-1 (E43) Peptide

Cat No.: BS2144P

Background

Breast cancer metastasis-suppressor 1 (BRMS1) acts as a mediator of metastasis suppression in several types of cancer including ovarian, lung, bladder, and murine mammary. BRMS1 mRNA is expressed in various tissues, including ovary, prostate, testis, and colon, but the protein is primarily detected in term placenta. BRMS1 suppresses metastasis without inhibiting tumorigenicity by modifying several metastasis-associated phenotypes. BRMS1 may participate in transcriptional regulation by binding to the mSin3/histone deacetylase complex. The expression of BRMS1 in certain cells increases connexin Cx43 expression and reduces connexin Cx32 expression. This produces a gap junction that increases intercellular communication, similar to those found in normal breast tissue. BRMS1 is stabilized by Hsp90 and may inhibit NF κ B activity.

Swiss-Prot

Q9HCU9

Applications

Blocking

Specificity

This peptide can be used with studies using BS2144 BRMS-1 (E43) pAb.

Purification & Purity

Synthetic peptide BRMS-1 (E43). (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.