

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



Rho D Peptide

Cat No.: BS5898P

Background

Upon activation, the small GTPase Rho D (also designated RhoHP1 and ARHD) contributes to rearrangement of the actin cytoskeleton and cell surface and also governs endosome motility and distribution. The effects of Rho D antagonize those of its family member, Rho A, by disassembling actin stress fibers normally enhanced by Rho A. Additionally, Rho D disengages focal adhesions, resulting in retardation of cell migration. Accordingly, transfection of a constitutively active form of Rho D (designated Rho D G26V) reverses the invasive phenotype of Gαolf induced cells, implying the possibility of a therapeutic use for activated Rho D in counteracting tumor metastasis.

Swiss-Prot

O00212

Applications

Blocking

Specificity

This peptide can be used with studies using BS5898 Rho D pAb.

Purification & Purity

Synthetic peptide Rho D. (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.