

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



ACVRL1 (F231) Peptide

Cat No.: BS2555P

Background

Mutations in two genes, Endoglin (also designated CD105) and ACVRL1 (activin receptorlike kinase 1, also designated TGF β superfamily RI), are responsible for HHT. Endoglin is mutated in HHT1, and ALK-1 is mutated in HHT2, both of which are thought to be caused by haploinsufficiency. Endoglin and ALK-1 are type III and type I members of the TGF β receptor superfamily, respectively, that are expressed on vascular endothelial cells. Endoglin can only bind ligands of the TGF β superfamily via association with the respective ligand binding receptors for TGF β 1, TGF β 3, Activin-A, BMP-2 and BMP-7. ALK-1 preferentially binds TGF β 1 and is expressed in bone marrow stromal cells, lung, brain, kidney and spleen.

Swiss-Prot

P37023

Applications

Blocking

Specificity

This peptide can be used with studies using BS2555 ACVRL1 (F231) pAb.

Purification & Purity

Synthetic peptide ACVRL1 (F231). (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.