

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



Catenin- β (L47) Peptide

Cat No.: BS5556P

Background

β -Catenin is a key downstream effector in the Wnt signaling pathway. It is implicated in two major biological processes in vertebrates: early embryonic development and tumorigenesis. CK1 phosphorylates β -catenin at Ser45. This phosphorylation event primes β -catenin for subsequent phosphorylation by GSK-3 β . GSK-3 β destabilizes β -catenin by phosphorylating it at Ser33, Ser37, and Thr41. Mutations at these sites result in the stabilization of β -catenin protein levels and have been found in many tumor cell lines.

Swiss-Prot

P35222

Applications

Blocking

Specificity

This peptide can be used with studies using BS5556 Catenin- β (L47) pAb.

Purification & Purity

Synthetic peptide Catenin- β (L47). (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.