

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



LKB1 (L184) Peptide

Cat No.: BS1675P

Background

LKB1, a member of the serine/threonine kinase family, is a tumor suppressor. Physically associates with p53, it regulates specific p53 dependent apoptosis pathways. LKB1 protein is present in both the cytoplasm and nucleus of living cells and translocates to mitochondria during apoptosis. Restoring LKB1 activity into cancer cell lines defective for its expression results in a G1 cell cycle arrest. Mutations in LKB1 gene are associated with Peutz Jeghers syndrome, an autosomal dominant disorder characterized by the growth of polyps in the gastrointestinal tract, pigmented macules on the skin and mouth, and other neoplasms. LKB1 functions as a master upstream protein kinase, regulating AMPK related kinases as well as AMPK.

Swiss-Prot

Q15831

Applications

Blocking

Specificity

This peptide can be used with studies using BS1675 LKB1 (L184) pAb.

Purification & Purity

Synthetic peptide LKB1 (L184). (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.

Bioworld Technology, Inc.
1660 South Highway 100, Suite 500 St. Louis Park, MN
55416, USA. Email: info@bioworld.com
Tel: 6123263284 Fax: 6122933841

Bioworld technology, co, Ltd.
No 9, weidi road Qixia District Nanjing, 210046,
P, R.China. Email: info@biogot.com
Tel: +86-025-68037686 Fax: +86-025-68035151