Bioworld Technology CO., Ltd.

MARK1/2/3/4 (N211) Peptide

Cat No.: BS3001P

Background

MARK1 (MAP/microtubule affinity-regulating kinase 1) belongs to the MARK family of serine/threonine kinases. MARK family protein kinases phosphorylate microtubule-associated proteins and may play a role in cytoskeletal stability. MARK2 refers to MAP/microtubule affinity-regulating kinase 2 isoform a [Homo sapiens]. EMK (ELKL Motif Kinase) is a small family of ser/thr protein kinases involved in the control of cell polarity, microtubule stability and cancer. Several cDNA clones have been isolated that encoded two isoforms of the human ser/thr protein kinase EMK1 called MARK2. MARK3 was originally identified as a marker that was induced by treatment with DNA damaging agents, and loss of MARK3 was found with carcinogenesis in the pancreas. MARK4 contains an N terminal serine/threonine kinase domain, a central ubiquitin associated domain, and a C terminal KA1 associated kinase domain. RT PCR analysis detects upregulated expression of the gene for MARK4 in nearly all clinical hepatocellular carcinoma cells.

Swiss-Prot

Q9P0L2/Q7KZI7/P27448/Q96L34

Applications

Blocking

Specificity

This peptide can be used with studies using BS3001 MARK1/2/3/4 (N211) pAb.

Purification & Purity

Synthetic peptide MARK1/2/3/4 (N211). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4℃ short term. Aliquot and store at -20℃ 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@bioworlde.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**