Bioworld Technology CO., Ltd.

ERK3 (K185) Peptide

Cat No.: BS3250P

Background

Mitogen-activated protein kinase (MAPK) signaling pathways involve closely related MAP kinases, including extracellular-signal-related kinase 3 (ERK 3, also designated PRKM6 and p97MAPK). Serum, growth factors and phorbol esters can initiate ERK 3 signaling pathways. Despite lacking a definitive nuclear localization sequence, ERK 3 constitutively localizes to the nucleus upon activation. p38 pathway activation-dependent upregulation of ERK 3 is independent of the status of p53, Bcl2 and caspase 3 during cell stress and damage induced by proteasome inhibition, suggesting ERK 3 in part mediates intracellular defense or cell rescue. The human ERK3 gene maps to chromosome 15q21 and encodes a 721 amino acid protein.

Swiss-Prot

Q16659

Applications

Blocking

Specificity

This peptide can be used with studies using BS3250 ERK3 (K185) pAb.

Purification & Purity

Synthetic peptide ERK3 (K185). (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.

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