

STK11 Peptide

Subcategory: Synthetic Peptide, Blocking Peptide

Cat. No.: 350490

Unit: 0.1 mg

Description:

STK11, a CAMK Ser/Thr protein kinase, has an essential role in G1 cell cycle arrest. STK11 phosphorylates and activates members of the AMPK-related subfamily of protein kinases. Defects in STK11 are a cause of predisposition to benign and malignant tumors including gastrointestinal and testicular cancers (Peutz-Jeghers syndrome).

Format: Each vial contains 0.1 mg of lyophilized peptide. Reconstitute with 0.1 ml deionized water for a final concentration of 1 mg/ml. Use at 5.6 ug/ml for a 100X excess over antibody for maximum blocking effect.

Alternate Names: Serine/threonine-protein kinase 11; Serine/threonine-protein kinase LKB1; Renal carcinoma antigen NY-REN-19; STK11; LKB1; PJS

Accession No.: Q15831

MW: 2159.6 g/mol

Sequence: The synthetic peptide used to raise the antibody Cat. No. 200128 is selected from a sequence within the N-term region of human STK11. For blocking experiments, a 10 to 100 fold molar excess to antibody is recommended.

Composition: C₉₅H₁₆₇N₃₁O₂₄S₁

Purity: Purity > 80% by HPLC

Solubility: Distilled water for a solution up to 2 mg/ml, otherwise we recommend using acetonitrile.

Storage: Store at -20°C. The product is hygroscopic and must be protected from light. Product is guaranteed one year from the date of shipment. Following reconstitution, store at -20°C.

For research use only, not for diagnostic or therapeutic procedures.