
SUMO2/3 Peptide

Subcategory: Synthetic Peptide, Blocking Peptide

Cat. No.: 350492

Unit: 0.1 mg

Description:

SUMO2 and SUMO3 are ubiquitin-like proteins which can be covalently attached to target lysines as a monomer. SUMO proteins play a role in a number of cellular processes such as nuclear transport, DNA replication and repair, mitosis and signal transduction.

Format: Each vial contains 0.1 ml peptide in 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: Small ubiquitin-related modifier 2; Ubiquitin-like protein SMT3B; SMT3 homolog 2; Sentrin-2; HSMT3; Small ubiquitin-related modifier 3; Ubiquitin-like protein SMT3A; SMT3 homolog 1; SUMO2; SMT3H2; SUMO3

Accession No.: P61956, P55854

MW: 1935 g/mol

Sequence: The synthetic peptide used to raise the antibody Cat. No. 200130 is selected from a sequence within the C-term region of human SUMO2/3. For blocking experiments, a 10 to 100 fold molar excess to antibody is recommended.

Composition: C78H123N19O34S2

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.