

PRODUCT DATA SHEET



Bioworld Technology CO., Ltd.

SIRT2 Peptide

Cat No.: AP0019P

Background

SIRT2 is a member of the sirtuin family of proteins. Studies suggest that the human sirtuins may function as intracellular regulatory proteins with mono-ADP-ribosyltransferase activity. SIRT2 interacts with HDAC6, suggesting that these proteins belong to a large complex that deacetylate the cytoskeleton. SIRT2 is a NAD-dependent deacetylase, which deacetylates the 'Lys-40' of alpha-tubulin. Involved in the control of mitotic exit in the cell cycle, probably via its role in the regulation of cytoskeleton. Despite some ability to deacetylate histones in vitro, it is unlikely in vivo.

Swiss-Prot

Q8IXJ6

Applications

Blocking

Specificity

This peptide can be used with studies using AP0019 SIRT2 pAb.

Purification & Purity

Synthetic peptide SIRT2. (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.