

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



ZNF638 Peptide

Cat No.: BS5827P

Background

Zinc-finger proteins contain DNA-binding domains and have a wide variety of functions, most of which encompass some form of transcriptional activation or repression. NP220 (Nuclear protein 220), also designated Zinc finger protein 638 (ZNF638) or Cutaneous T-cell lymphoma-associated antigen se33-1, is a 1978 amino acid protein that contains one matrin-type zinc finger and two RRM (RNA recognition motif) domains, suggesting a role in transcriptional regulation. NP220 binds to double-stranded DNA fragments by recognizing clusters of cytidines. NP220 interacts with FHL-2 and is also thought to be phosphorylated by ATM or ATR upon DNA damage. It exists as five isoforms as a result of alternative splicing events. Isoform five of NP220 is a tumor-associated antigen found in several cutaneous T-cell lymphoma (CTCL), and in particular in mycosis fungoides patients and in Sezary syndrome patients.

Swiss-Prot

Q14966

Applications

Blocking

Specificity

This peptide can be used with studies using BS5827 ZNF638 pAb.

Purification & Purity

Synthetic peptide ZNF638. (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.

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