

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



Histone H2A.X (E145) Peptide

Cat No.: BS5524P

Background

H2A.X is a member of the histone H2A family, 1 of 5 families of histone proteins involved in nucleosomal organization of chromatin. H2A.X is synthesised in G1 as well as S phase and is known to be important for recombination between immunoglobulin switch regions. A very early step in the response of mammalian cells to DNA double-strand breaks is the phosphorylation of histone H2A.X at serine 139 at the sites of DNA damage. There is a predicted acetylation at residue 1 and ubiquitination at residue 119. Phosphorylated H2A.X promotes DNA repair and maintains genomic stability.

Swiss-Prot

P16104

Applications

Blocking

Specificity

This peptide can be used with studies using BS5524 Histone H2A.X (E145) pAb.

Purification & Purity

Synthetic peptide Histone H2A.X (E145). (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.