



Human H2AFB2 blocking peptide (DAG-P0631)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene encodes a member of the histone H2A family. This gene is part of a region that is repeated three times on chromosome X, once in intron 22 of the F8 gene and twice closer to the Xq telomere. This record represents the middle copy. [provided by RefSeq, Jul 2008]
Specificity	Present in mature sperm.
Conjugate	Unconjugated
Applications	BL
Sequence Similarities	Belongs to the histone H2A family.
Format	Liquid
Buffer	Information available upon request.
Preservative	None
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	H2AFB2 H2A histone family, member B2 [Homo sapiens (human)]
Official Symbol	H2AFB2

Synonyms	H2AFB2; H2A histone family, member B2; H2A.Bbd; histone H2A-Bbd type 2/3; H2A Barr body deficient; H2A Barr body-deficient;
Entrez Gene ID	474381
mRNA Refseq	NM_001017991.2
Protein Refseq	NP_001017991.1
UniProt ID	P0C5Z0
Chromosome Location	Xq28
Pathway	Alcoholism, organism-specific biosystem; Alcoholism, conserved biosystem; Systemic lupus erythematosus, organism-specific biosystem; Systemic lupus erythematosus, conserved biosystem;
Function	DNA binding; protein heterodimerization activity;