



Human HIST2H2BD peptide (DAG-P2060)

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

PRODUCT INFORMATION

Antigen Description	Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling. Has broad antibacterial activity. May contribute to the formation of the functional antimicrobial barrier of the colonic epithelium, and to the bactericidal activity of amniotic fluid.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the histone H2B family.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	HIST2H2BD histone cluster 2, H2bd (pseudogene) [Homo sapiens (human)]
Official Symbol	HIST2H2BD
Synonyms	HIST2H2BD; histone cluster 2, H2bd (pseudogene); H2B/o; H2B/s; H2BFO;
Entrez Gene ID	337874
Chromosome Location	1q21.2

Function

DNA binding; protein heterodimerization activity;
