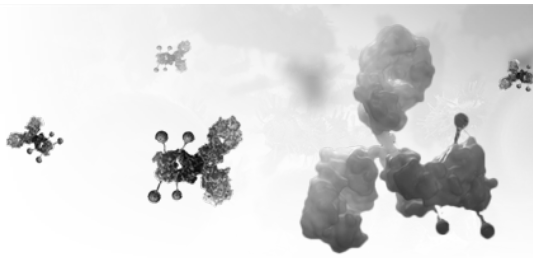

Mouse anti-Human HIST1H4H monoclonal antibody, clone 7E5 (CABT-B10402)

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

PRODUCT INFORMATION

Immunogen	HIST1H4H (NP_003534, 31 a.a. ~ 104 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Human
Clone	7E5
Conjugate	Unconjugated
Applications	IF,sELISA,ELISA
Sequence Similarities	TKPAIRRLARRGGVKRISGLIYEETRGVLKVFLENVIRDAVTYTEHAKRKTVTAMDVVYA LKRQGRTLYGFGG*
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B,

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

	H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene is intronless and encodes a member of the histone H4 family. Transcripts from this gene lack polyA tails but instead contain a palindromic termination element. This gene is found in the large histone gene cluster on chromosome 6. [provided by RefSeq, Jul 2008]
Keywords	HIST1H4H; histone cluster 1, H4h; H4/h; H4FH; histone H4; histone 1, H4h; H4 histone family, member H;

GENE INFORMATION

Entrez Gene ID	8365
UniProt ID	P62805
Pathway	Amyloids, organism-specific biosystem; Chromosome Maintenance, organism-specific biosystem; Deposition of New CENPA-containing Nucleosomes at the Centromere, organism-specific biosystem; Meiotic Recombination, organism-specific biosystem; Nucleosome assembly, organism-specific biosystem; Packaging Of Telomere Ends, organism-specific biosystem

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221