

Product overview

product name	Acetyl-Histone H3 (K9) mouse Monoclonal Antibody(2E7)
catalog No.	ATA24227
Category	Primary antibodies
Host	Mouse
Species specificity	Human,Rat,Mouse
Tested applications	IHC-p
Clonality	Monoclonal
Conjugation	Unconjugated
Immunogen	Synthetic Peptide of Acetyl-Histone H3 (K9)

Product performance

Form	Liquid
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1 year
Purity	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.

Dilution range

IHC 1:100-200

Product background

histone cluster 1 H3 family member a(HIST1H3A) Homo sapiens Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. This structure consists of approximately 146 bp of DNA wrapped around a nucleosome, an 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 is intronless and encodes a replication-dependent histone that is a member of the histone H3 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. This gene is found in the large histone gene cluster on chromosome 6p22-p21.3. [provided by RefSeq, Aug 2015],

