9F, No. 108, Jhouzih St.,Taipei, Taiwan
Tel: + 886-2-8751-1888 Fax: + 886-2-6602-1218
E-mail: sales@abnova.com

Datasheet

HIST2H2AA monoclonal antibody (M01), clone 4C10

Catalog Number: H00008337-M01

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a full length recombinant HIST2H2AA.

Clone Name: 4C10

Immunogen: HIST2H2AA (AAH01629, 1 a.a. ~ 130 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:
MSGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLR
KGNYAERVGAGAPVYMAAVLEYLTAEILELAGNAARD
NKKTRIIPRHLQLAIRNDEELNKLLGKVTIAQGGVLPNIQ
AVLLPKKTESHHKAKGK

Host: Mouse

Reactivity: Human

Applications: ELISA, IF, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Isotype: IgG2a Kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 8337

Gene Symbol: HIST2H2AA3

Gene Alias: H2A, H2A.2, H2A/O, H2A/q, H2AFO, H2a-615, HIST2H2AA

Gene Summary: 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, 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 H2A family. Transcripts from this gene lack polyA tails but instead contain a palindromic termination element. This gene is found in a histone cluster on chromosome 1. This gene is one of four histone genes in the cluster that are duplicated; this record represents the centromeric copy. [provided by RefSeq]