

Mouse Monoclonal antibody to human Histone H4

dJ160A22.1 antibody, dJ160A22.2 antibody, dJ221C16.1 antibody, dJ221C16.9 antibody, FO108 antibody, H4 antibody, H4.k antibody, H4/a antibody, H4/b antibody, H4/c antibody, H4/d antibody, H4/e antibody, H4/g antibody, H4/h antibody, H4/I antibody, H4/j antibody, H4/k antibody, H4/m antibody, H4/n antibody, H4/p antibody, H4_HUMAN antibody, H4F2 antibody, H4F2iii antibody, H4F2iv antibody, H4FA antibody, H4FB antibody, H4FC antibody, H4FD antibody, H4FE antibody, H4FG antibody, H4FH antibody, H4FI antibody, H4FJ antibody, H4FK antibody, H4FM antibody, H4FN antibody, H4M antibody, HIST1H4A antibody, HIST1H4B antibody, HIST1H4C antibody, HIST1H4D antibody, HIST1H4E antibody, HIST1H4F antibody, HIST1H4H antibody, HIST1H4I antibody, HIST1H4J antibody, HIST1H4K antibody, HIST1H4L antibody, HIST2H4 antibody, HIST2H4A antibody, Hist4h4 antibody, Histone 1 H4a antibody, Histone 1 H4b antibody, Histone 1 H4c antibody, Histone 1 H4d antibody, Histone 1 H4e antibody, Histone 1 H4f antibody, Histone 1 H4h antibody, Histone 1 H4i antibody, Histone 1 H4j antibody, Histone 1 H4k antibody, Histone 1 H4l antibody, Histone 2 H4a antibody, histone 4 H4 antibody, Histone H4 antibody, MGC24116 antibody

BACKGROUND INFORMATION

Mouse monoclonal antibody to histone H4, clone 3HH4-4G8 is specific for histone H4 from human and mouse. Histones proteins are implicated in the structure of chromatin in eukaryotic cells. The protein has a main domain and a long N-terminal tail, H4 is involved with the structure of the nucleosome. Histone proteins are hugely post-translationally modified. The covalently linked modifications include acetylation and methylation of N-terminal tails. These modifications might change expression of genes found on DNA connected with its parent histone octamer. Histone H4 is an essential protein in the structure and function of chromatin, where its variants of sequence and variable changes are considered to play a role in the dynamic and long-term regulation of genes.

OVERVIEW

CATALOG NO.	PTGX-H4-4G8
SIZE	100µL
CLONALITY	Monoclonal Antibody
HOST	Mouse
CLONE NAME	3HH4-4G8
ISOTYPE	IgG1, k

For research use only.

APPLICATIONS AND STORAGE

RESEARCH AREA	Epigenetics & Nuclear Signalling
IMMUNOGEN	synthetic peptide: MSGRGKGGKGLGKGGAKRHRKVLR-(C) corresponding to aa 1 to 24 of human histone H4. This sequence is conserved in a wide range of species
SPECIFICITY	histone H4.
REACTIVITY	Human, Mouse, Rat
APPLICATIONS	E, WB, IP
DILUTION	1/500-1/5000
FORM	liquid/frozen
DELIVERY CONDITION	Dry Ice
STABILITY & STORAGE	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

PUBLICATION

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