

HH3 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA2097
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Synthesized peptide of human HH3 (AA: ARTKQTAR(AcK)STG-C).
Mol wt	15.5kDa
Species reactivity	Human,Mouse
Clonality	Monoclonal
Recommended application	WB,FCM
Concentration	N/A
Full name	N/A
Synonyms	HIST3H3;H3t;H3.4;H3/g;H3FT

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone 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 member of the histone H3 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. This gene is located separately from the other H3 genes that are in the histone gene cluster on chromosome 6p22-p21.3.

Recommended Dilution

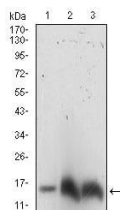
WB: 1:500 - 1:2000

FCM: 1:200 - 1:400

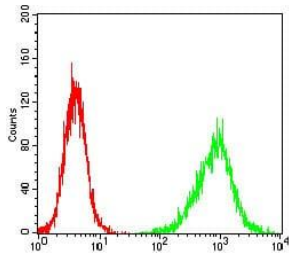
ELISA: 1:10000

Not yet tested in other applications.

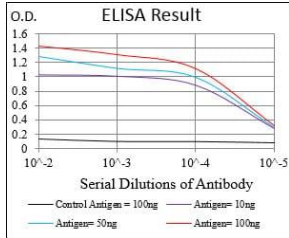
Images



Western blot analysis using AHH3 mouse mAb against NIH3T3 (1), Hela (2), K562 (3) cell lysate.



Flow cytometric analysis of NIH/3T3 cells using HH3 mouse mAb (green) and negative control (red).



Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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