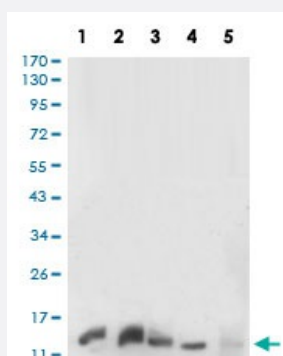


HIST2H3A monoclonal antibody, clone 6D3B9

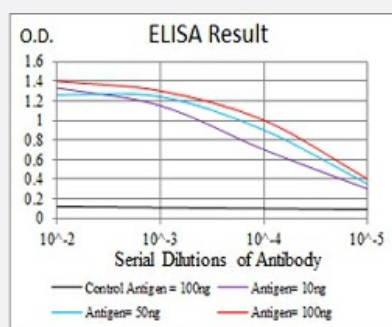
Catalog # MAB16658 Size 100 ug

Applications



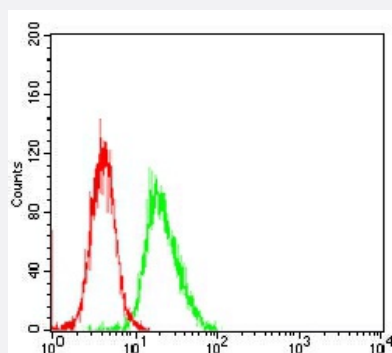
Western Blot (Cell lysate)

Western blot analysis of Lane 1: K562 cell; Lane 2: C6 cell; Lane 3: HEK293 cell; Lane 4: PC-12 cell and Lane 5: NIH/3T3 cell with HIST2H3A monoclonal antibody.



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of HIST2H3A monoclonal antibody, clone 6D3B9.



Flow Cytometry

Flow cytometric analysis of NIH/3T3 cells with HIST2H3A monoclonal antibody (green) and negative control (red).

Specification

Product Description

Mouse monoclonal antibody raised against synthetic peptide of human HIST2H3A.

Immunogen	A synthetic peptide corresponding to amino acid 121-136 of human HIST2H3A from <i>E. coli</i> .
Host	Mouse
Theoretical MW (kDa)	15.4
Reactivity	Human, Mouse, Rat
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Western Blot (1:500-1:2000) Immunohistochemistry Immunocytochemistry Flow Cytometry (1:200-1:400) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of Lane 1: K562 cell; Lane 2: C6 cell; Lane 3: HEK293 cell; Lane 4: PC-12 cell and Lane 5: NIH/3T3 cell with HIST2H3A monoclonal antibody.

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis of HIST2H3A monoclonal antibody, clone 6D3B9.

- Flow Cytometry

Flow cytometric analysis of NIH/3T3 cells with HIST2H3A monoclonal antibody (green) and negative control (red).

Gene Info — HIST2H3A

Entrez GeneID [333932](#)

Gene Name HIST2H3A

Gene Alias	H3/n, H3/o
Gene Description	histone cluster 2, H3a
Gene Ontology	Hyperlink
Gene Summary	<p>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 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 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]</p>
Other Designations	histone 2, H3a histone H3/o

Pathway

- [Systemic lupus erythematosus](#)