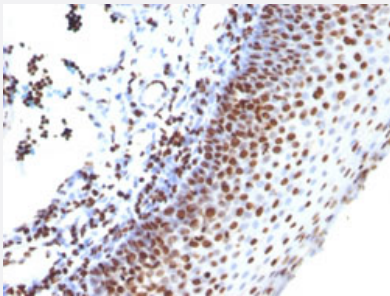


Histone H1 monoclonal antibody, clone SPM256

Catalog # MAB13065 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human tonsil with Histone H1 monoclonal antibody, clone SPM256 (Cat # MAB13065).

Specification

Product Description	Mouse monoclonal antibody raised against native human Histone H1.
Immunogen	Nuclei of human leukemia biopsy cells.
Host	Mouse
Theoretical MW (kDa)	~30
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG2a, kappa
Recommend Usage	Flow Cytometry (0.5-1 ug/10 ⁶ cells in 0.1 mL) Immunofluorescence (0.5-1 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 1 mM PBS (0.05% BSA, 0.05% sodium azide).

Storage Instruction

Store at 4°C.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human tonsil with Histone H1 monoclonal antibody, clone SPM256 (Cat # MAB13065).

- Immunofluorescence

- Flow Cytometry

Gene Info — H1F0

Entrez GeneID[3005](#)**Protein Accession#**[P07305](#)**Gene Name**

H1F0

Gene Alias

H10, H1FV, MGC5241

Gene Description

H1 histone family, member 0

Omim ID[142708](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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 H1 family. [provided by RefSeq]

Other Designations

H1.0, H1(0), H1-0|OTTHUMP00000028818

Disease

- [Genetic Predisposition to Disease](#)

- [Ovarian Neoplasms](#)