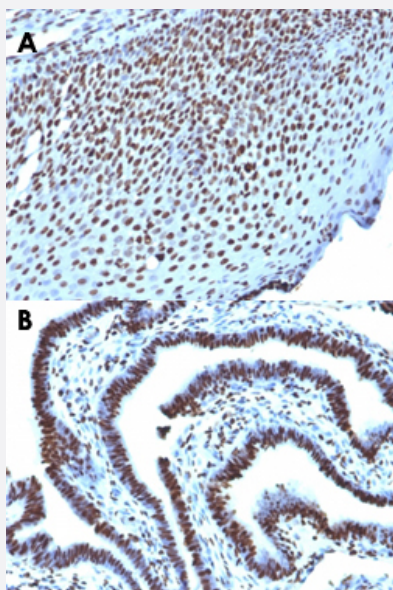


Histone H1 monoclonal antibody, clone AE-4

Catalog # MAB13302 Size 100 ug

Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human tonsil (A) and human ovarian carcinoma (B) with Histone H1 monoclonal antibody, clone AE-4 (Cat # MAB13302).

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/10⁶ 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.

Storage Instruction

Store at -20 to -80°C.
Aliquot to avoid repeated freezing and thawing.

Applications

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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human tonsil (A) and human ovarian carcinoma (B) with Histone H1 monoclonal antibody, clone AE-4 (Cat # MAB13302).

- 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](#)