

**HIST1H3D Antibody (clone 1D8)**  
**Mouse Monoclonal Antibody**  
**Catalog # ALS15561****Specification**

---

**HIST1H3D Antibody (clone 1D8) - Product Information**

Application	IHC, WB, IF
Primary Accession	<a href="#">P68431</a>
Reactivity	Human, Mouse
Host	Mouse
Clonality	Monoclonal

**HIST1H3D Antibody (clone 1D8) - Additional Information****Gene ID** 8350;8351;8352;8353;8354;8355;8356;8357;8358;8968**Other Names**

Histone H3.1, Histone H3/a, Histone H3/b, Histone H3/c, Histone H3/d, Histone H3/f, Histone H3/h, Histone H3/i, Histone H3/j, Histone H3/k, Histone H3/l, HIST1H3A, H3FA

**Target/Specificity**

Human HIST1H3H

**Reconstitution & Storage**

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

**Precautions**

HIST1H3D Antibody (clone 1D8) is for research use only and not for use in diagnostic or therapeutic procedures.

**HIST1H3D Antibody (clone 1D8) - Protein Information****Name** H3C1 ([HGNC:4766](#))**Synonyms** H3FA, HIST1H3A**Function**

Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.

**Cellular Location**

Nucleus. Chromosome.

**Volume**

50 µl

## HIST1H3D Antibody (clone 1D8) - Protocols

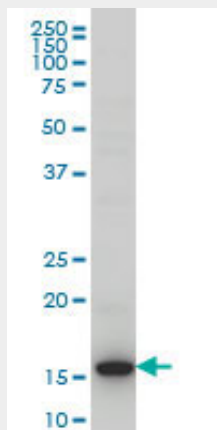
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

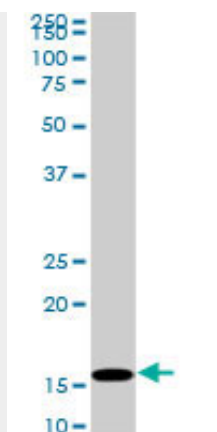
## HIST1H3D Antibody (clone 1D8) - Images



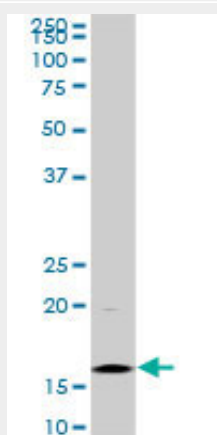
Anti-HIST1H3D antibody IHC staining of human small intestine.



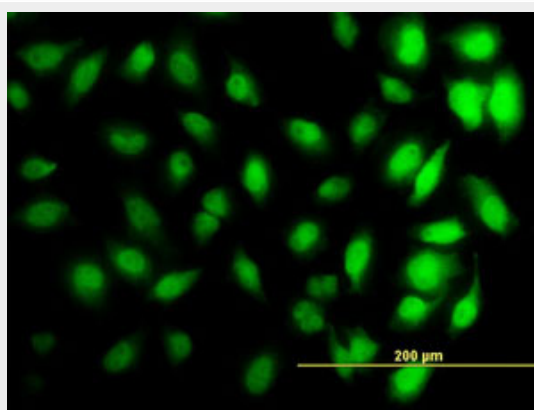
HIST1H3D monoclonal antibody (M01), clone 1D8 Western blot of HIST1H3D expression in HeLa NE.



HIST1H3D monoclonal antibody (M01), clone 1D8. Western blot of HIST1H3D expression in Raw 264.7.



HIST1H3D monoclonal antibody (M01), clone 1D8. Western blot of HIST1H3D expression in NIH/3T3.



Immunofluorescence of monoclonal antibody to HIST1H3D on HeLa cell.