

SUPT5H Antibody (monoclonal) (M04)

Mouse monoclonal antibody raised against a partial recombinant SUPT5H.

Catalog # AT4110a

Specification

SUPT5H Antibody (monoclonal) (M04) - Product Information

Application	IF, WB, E
Primary Accession	O00267
Other Accession	BC024203
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2b Kappa
Calculated MW	121000

SUPT5H Antibody (monoclonal) (M04) - Additional Information**Gene ID** 6829**Other Names**

Transcription elongation factor SPT5, hSPT5, DRB sensitivity-inducing factor 160 kDa subunit, DSIF p160, DRB sensitivity-inducing factor large subunit, DSIF large subunit, Tat-cotransactivator 1 protein, Tat-CT1 protein, SUPT5H, SPT5, SPT5H

Target/Specificity

SUPT5H (AAH24203, 981 a.a. ~ 1087 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 kDa.

Dilution

WB ~ 1:500 ~ 1000

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

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

Precautions

SUPT5H Antibody (monoclonal) (M04) is for research use only and not for use in diagnostic or therapeutic procedures.

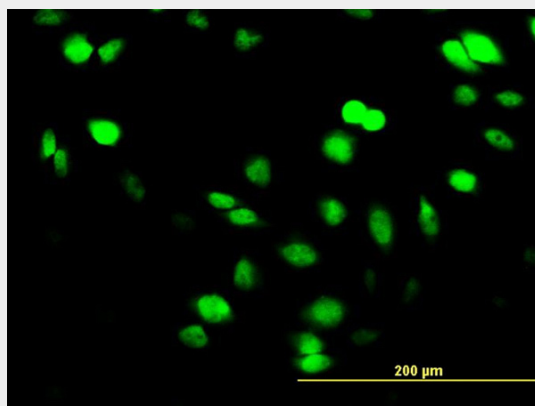
SUPT5H Antibody (monoclonal) (M04) - Protocols

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

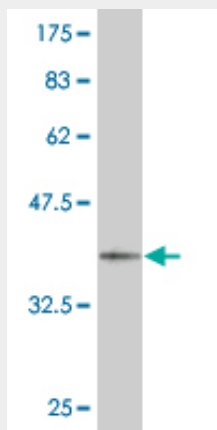
- [Western Blot](#)
- [Blocking Peptides](#)

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

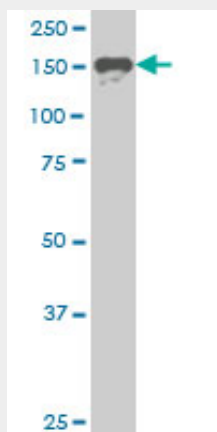
SUPT5H Antibody (monoclonal) (M04) - Images



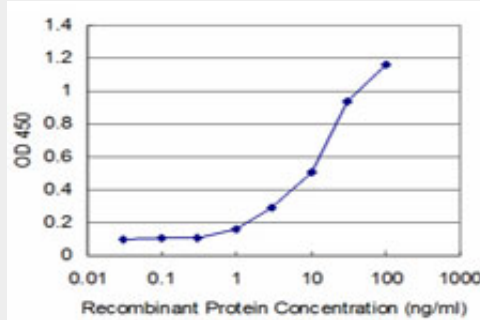
Immunofluorescence of monoclonal antibody to SUPT5H on HeLa cell. [antibody concentration 10 ug/ml]



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.51 KDa) .



SUPT5H monoclonal antibody (M04), clone 1G3 Western Blot analysis of SUPT5H expression in HeLa S3 NE ((Cat # AT4110a)



Detection limit for recombinant GST tagged SUPT5H is approximately 1ng/ml as a capture antibody.

SUPT5H Antibody (monoclonal) (M04) - References

DSIF, the Paf1 complex, and Tat-SF1 have nonredundant, cooperative roles in RNA polymerase II elongation. Chen Y, et al. *Genes Dev*, 2009 Dec 1. PMID 19952111. Crystal structure of the human transcription elongation factor DSIF hSpt4 subunit in complex with the hSpt5 dimerization interface. Wenzel S, et al. *Biochem J*, 2009 Dec 23. PMID 19860741. Repression of RNA polymerase II elongation in vivo is critically dependent on the C-terminus of Spt5. Chen H, et al. *PLoS One*, 2009 Sep 9. PMID 19742326. Role of human transcription elongation factor DSIF in the suppression of senescence and apoptosis. Komori T, et al. *Genes Cells*, 2009 Mar. PMID 19210550. Interplay between E-box and NF-kappaB in regulation of A20 gene by DRB sensitivity-inducing factor (DSIF). Amir-Zilberstein L, et al. *J Biol Chem*, 2008 Jan 18. PMID 17962196.