10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

SUPT5H Antibody (monoclonal) (M04)

Mouse monoclonal antibody raised against a partial recombinant SUPT5H.
Catalog # AT4110a

Product Information

Application	WB, IF, E
Primary Accession	O00267
Other Accession	BC024203
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2b Kappa
Clone Names	1G3
Calculated MW	121000

Additional Information

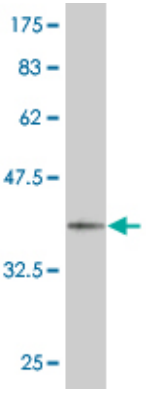
Gene ID	6829
Other Names	Transcription elongation factor SPT5, hSPT5, DRB sensitivity-inducing factor 160 kDa subunit, DSIF p160, DRB sensitivity-inducing factor large subunit, DSIF large subunit, Tat-cotransactivator 1 protein, Tat-CT1 protein, SUPT5H, SPT5, SPT5H
Target/Specificity	SUPT5H (AAH24203, 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 IF~~1:50~200 E~~N/A
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.

References

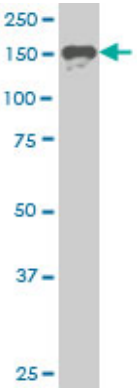
DSIF, the Paf1 complex, and Tat-SF1 have nonredundant, cooperative roles in RNA polymerase II elongation. Chen Y, et al. Genes Dev, 2009 Dec 1. PMID 19952111.Crystal structure of the human transcription elongation factor DSIF hSpt4 subunit in complex with the hSpt5 dimerization interface. Wenzel S, et 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.

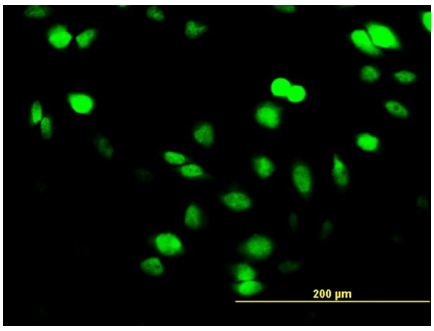
Images



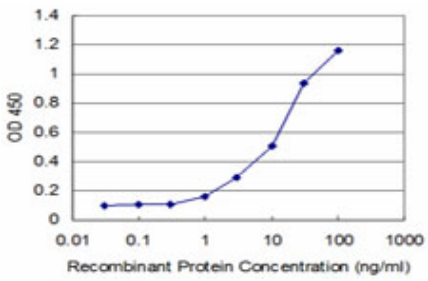
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (37.51 KDa) .



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



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



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.