

ASF1B Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant ASF1B.

Catalog # AT1212a

Specification

ASF1B Antibody (monoclonal) (M01) - Product Information

Application	WB
Primary Accession	O9NVP2
Other Accession	BC007726
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 kappa
Calculated MW	22434

ASF1B Antibody (monoclonal) (M01) - Additional Information

Gene ID 55723

Other Names

Histone chaperone ASF1B, Anti-silencing function protein 1 homolog B, hAsf1, hAsf1b, CCG1-interacting factor A-II, CIA-II, hCIA-II, ASF1B

Target/Specificity

ASF1B (AAH07726, 1 a.a. ~ 202 a.a) full-length 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

ASF1B Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

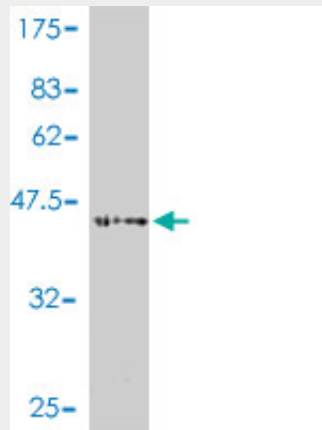
ASF1B Antibody (monoclonal) (M01) - Protocols

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](#)

ASF1B Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (47.96 kDa) .

ASF1B Antibody (monoclonal) (M01) - Background

This gene encodes a member of the H3/H4 family of histone chaperone proteins and is similar to the anti-silencing function-1 gene in yeast. The encoded protein is the substrate of the tousel-like kinase family of cell cycle-regulated kinases, and may play a key role in modulating the nucleosome structure of chromatin by ensuring a constant supply of histones at sites of nucleosome assembly.

ASF1B Antibody (monoclonal) (M01) - References

Variation at the NFATC2 Locus Increases the Risk of Thiazolinedione-Induced Edema in the Diabetes REduction Assessment with ramipril and rosiglitazone Medication (DREAM) Study. Bailey SD, et al. *Diabetes Care*, 2010 Jul 13. PMID 20628086. Replication stress interferes with histone recycling and predeposition marking of new histones. Jasencakova Z, et al. *Mol Cell*, 2010 Mar 12. PMID 20227376. Transcriptional coactivator HCF-1 couples the histone chaperone Asf1b to HSV-1 DNA replication components. Peng H, et al. *Proc Natl Acad Sci U S A*, 2010 Feb 9. PMID 20133788. Phosphorylation-mediated control of histone chaperone ASF1 levels by Tousel-like kinases. Pilyugin M, et al. *PLoS One*, 2009 Dec 16. PMID 20016786. Gene-centric association signals for lipids and apolipoproteins identified via the HumanCVD BeadChip. Talmud PJ, et al. *Am J Hum Genet*, 2009 Nov. PMID 19913121.