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SMC6L1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant SMC6L1.
Catalog # AT3956a

Product Information

Application	WB, IHC, E
Primary Accession	Q96SB8
Other Accession	BC039828
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	2E7
Calculated MW	126326

Additional Information

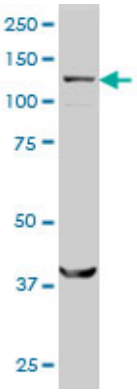
Gene ID	79677
Other Names	Structural maintenance of chromosomes protein 6, SMC protein 6, SMC-6, hSMC6, SMC6, SMC6L1
Target/Specificity	SMC6L1 (AAH39828, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IHC~~1:100~500 E~~N/A
Format	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	SMC6L1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

References

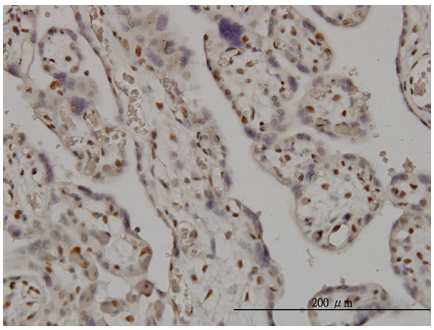
1.Smc5/6-mediated regulation of replication progression contributes to chromosome assembly during mitosis in human cells.Gallego-Paez LM, Tanaka H, Bando M, Takahashi M, Nozaki N, Nakato R, Shirahige K, Hirota TMol Biol Cell. 2014 Jan;25(2):302-17. doi: 10.1091/mbc.E13-01-0020. Epub 2013 Nov 20.

Images

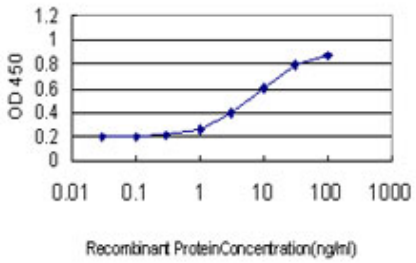
SMC6L1 monoclonal antibody (M01), clone 2E6 Western Blot analysis of SMC6L1 expression in HeLa (Cat #



L013V1).



Immunoperoxidase of monoclonal antibody to SMC6L1 on formalin-fixed paraffin-embedded human placenta. [antibody concentration 3 ug/ml]



Detection limit for recombinant GST tagged SMC6L1 is approximately 0.3ng/ml as a capture antibody.

Citations

- E3 ubiquitin ligase TRIM21 restricts hepatitis B virus replication by targeting HBx for proteasomal degradation
- PARP inhibitors and radiation potentiate liver cell death in vitro. Do hepatocellular carcinomas have an achilles' heel?
- SLF2 Interacts with the SMC5/6 Complex to Direct Hepatitis B Virus Episomal DNA to Promyelocytic Leukemia Bodies for Transcriptional Repression
- Hypoxic gene expression in chronic hepatitis B virus infected patients is not observed in state-of-the-art in vitro and mouse infection models
- Hepatitis B Virus X Protein Function Requires Zinc Binding.
- Spatiotemporal Analysis of Hepatitis B Virus X Protein in Primary Human Hepatocytes.
- The Smc5/6 Complex Restricts HBV when Localized to ND10 without Inducing an Innate Immune Response and Is Counteracted by the HBV X Protein Shortly after Infection.
- Hepatitis B Virus X Protein Promotes Degradation of SMC5/6 to Enhance HBV Replication.
- β-Cyclodextrin/dialdehyde glucan-coated keratin nanoparticles for oral delivery of insulin

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